







COPY No. 76

NATIONAL RESEARCH COUNCIL



DIVISION OF MEDICAL SCIENCES

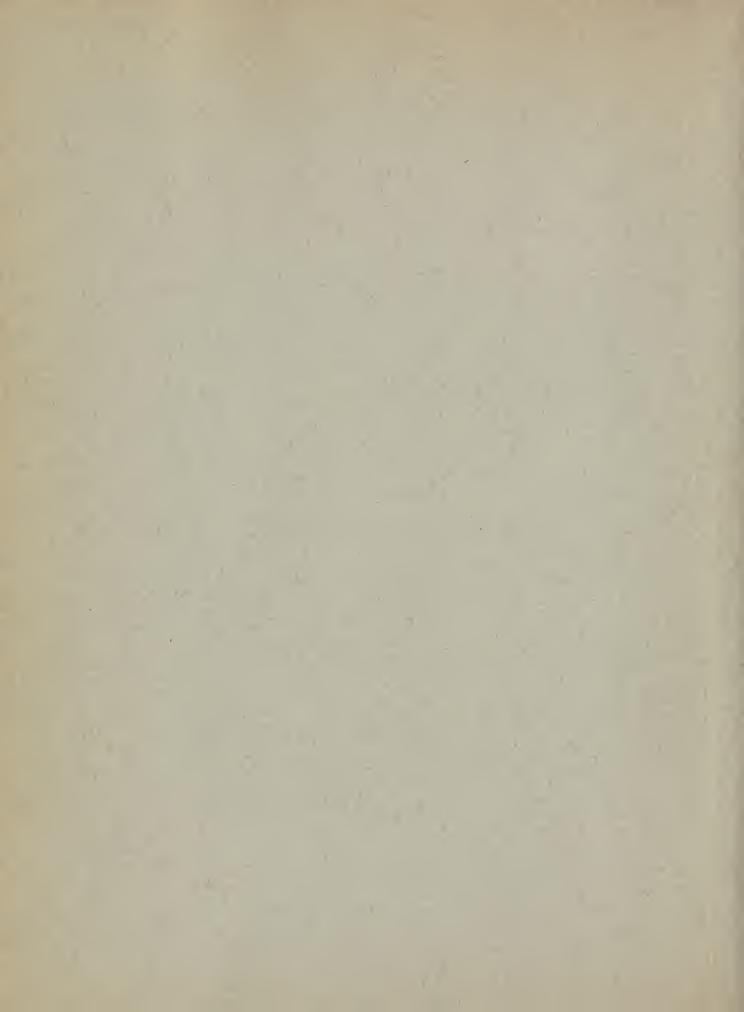
Committee on Aviation Medicine

BIBLIOGRAPHY ON AVIATION MEDICINE

Volume II

Pages 385 - 802







NATIONAL RESEARCH COUNCIL

DIVISION OF MEDICAL SCIENCES

Committee on Aviation Medicine

BIBLIOGRAPHY ON AVIATION MEDICINE

Volume II

Pages 385 - 802



2WD 700 700 N2776 1946 v.2 c.1



TABLE OF CONTENTS

I.	ACCELERATION	1
II.	ACCLIMATIZATION	19
u III.	ADRENAL	24
IV.	AIR EVACUATION	32
V.	AIR SEA RESCUE	37
	A. Air Sea Rescue Equipment	38
	B. Life Jackets	41
	C. Life Rafts	46
	D. Sharks	49
	E. Water	50
VI.	ALTITUDE	57
VII.	AMBULANCE PLANES	70
VIII.	ANOXIA	72
IX.	BLAST	97
Χ.	BODY TEMPERATURE	108
XI.	CARBON DIOXIDE	112
XII.	CARBON MONOXIDE	118
XIII.	CARDIOVASCULAR	136
	A. Ballistocardiography	147
	B. Blood Pressure	148
	C. Blood Volume	153
	D, Capillary	155
	E. Electrocardiography	157
	F. Ischemia	159
	G. Neurocirculatory Asthenia	161
	H. Schneider Index	162

XIV.	CENTI	RIFUGE	163
XV.	CLOTI	HING AND BODY ARMOR	166
	Α.	Anthropometry	167
	В.	Body Armor	176
	C.	Clothing	181
	D.	Clothing, Arctic	191
	E.	Clothing, Flying	200
	F.	Clothing, Heated	211
	G.	Clothing, Impregnated	218
	Н.	Clothing, Tropical	230
	I.	Doron	236
	J.	Footwear	238
	К.	Footwear, Arctic	243
	L.	Footwear, Heated	247
	Μ.	Footwear, Tropical	248
	N.	Gloves	250
	0.	Gloves, Arctic	252
	P.	Gloves, Heated	254
	Q.	Headwear	256
	R.	Headwear, Arctic	257
	s.	Headwear, Tropical	259
	T.	Helmets	261
	U.	Insulation	267
XVI.	COLD	STUDIES	271
	Α.	Arctic Equipment	272
	В.	Cold	274
	C.	Frostbite	281
	D.	Immersion Foot	285

XVII.	COMMUNICATION	289
XVIII.	CRASHES	292
XIX.	DECOMPRESSION	301
XX.	DECCMPRESSION CHAMBER	305
XXI.	DECOMPRESSION SICKNESS	308
XXII.	DEHYDRATION	334
XXIII.	DENTISTRY	337
XXIV.	DIET	341
XXV.	DUST	345
.IVXX	ESCAPE HATCHES	349
XXVII.	EXPLOSIVE DECCMPRESSION	352
XXVIII.	FATIGUE	354
	A. Benzedrine	364
XXIX.	FIRE REPELLENCY	370
XXX.	FLASH BURNS	372
XXXI.	FLIGHT EQUIPMENT	374
XXXII.	FLOTATION	379
	A. Aerogel	382
XXXIII.	GANGRENE	383
XXXIV.	GLIDERS	384
XXXV.	HEARING	385
	A. Acoustics	388
	B. Audiometric Tests	390
	C. Auditory Fatigue,	393
	D. Ear Protectors	394
	E. Microphone	398
	F. Noise	404
	G. Otitis	410
	H Speech	7.1.7

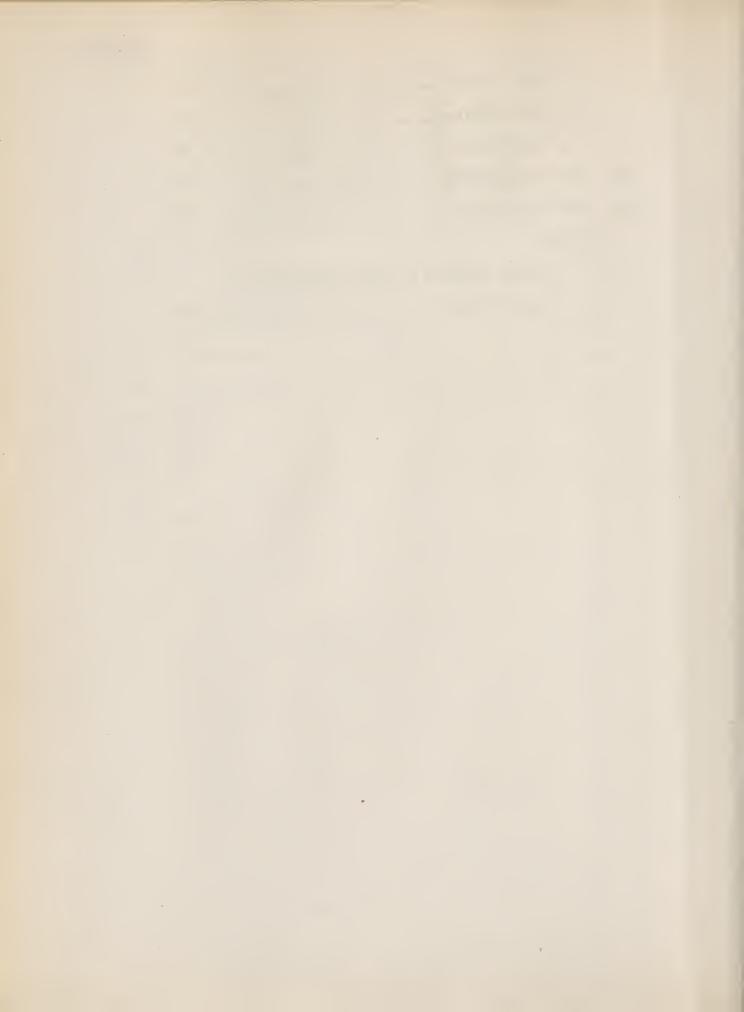
. IVXXX	HEAT STUDIES	416
	A. Desert	417
	B. Heat	418
	C. Humidity	431
	D. Jungle	435
XXXVII.	HELICOPTER	441
XXXVIII.	INJURIES	442
	A. Abdominal Injuries	443
	B. Chest Injuries	447
	C. Ear Injuries	449
	D. Eye Injuries	452
	E. Head Injuries	454
	F. Injuries of the Extremities	463
	G. Intervertebral Disc	465
XXXIX.	INSULATION	467
XL.	INTESTINAL GASES	468
XLI.	MOTION SICKNESS.,	470
	A. Hyoscine	491
XLII.	NITROGEN	494
XLIII.	OXYGEN AND OXYGEN EQUIPMENT	497
	A. Closed Circuit Oxygen Equipment	498
	B. Emergency Oxygen Equipment	501
	C. Masks	503
	D. Open Oxygen Systems	515
	E. Oximeters	522
	F. Oxygen	523
	G. Oxygen Equipment	532
	H. Oxygen Leak Tests	511

	I. Oxygen Poisoning	547
	J. Oxygen Regulators	549
	K. Oxygen Requirements	553
	L. Oxygen Reservoir Systems	555
XLIV.	PARACHUTE	556
XLV.	PARATROOPS	563
XLVI.	PERFORMANCE TESTS	565
XLVII.	PERSONNEL SELECTION	573
XLVIII.	PHYSICAL FITNESS	596
XLIX.	PHYSICAL HANDICAPS	604
L.	PILOT SELECTION	605
LI.	POSTURE	620
LII.	PRESSURE BREATHING	622
LIII.	PRESSURE CABINS	630
LIV.	PRESSURE SUIT	632
LV.	PSYCHIATRY AND NEUROLOGY	640
	A. Fear	641
	B. Flying Stress	643
	C. Morale	647
	D. Neurology	653
	E. Neuroses	657
	F. Postcombat Psychosis	663
	G. Psychiatry	664
	H. Psychotherapy	680
	I. Rorschach Test	681
LVI.	RADAR	682
LVII.	RADIOACTIVE	686

() (

LVIII.	RATIONS	691
	A. Arctic Rations	692
	B. Bail-out Rations	694
	C. Flight Rations	696
	D. Shipwreck Rations	697
	E. Tropical Rations	699
LIX.	REHABILITATION,	701
	A, Convalescence	709
	B. Occupational Therapy	715
LX.	RESPIRATION	716
LXI.	RESUSCITATION	725
LXII.	SUNBURN	729
LXIII.	VENTILATION	732
	A. Cooling	739
LXIV.	VISION STUDIES	741
	A. Blind	744
	B. Color Vision	745
	C. Dazzle	748
	D. Depth Perception	749
	E. Fogging	750
	F. Goggles	751
	G. Infrared	754
	H. Lighting	755
	I. Night Vision	757
	J. Ophthalmology	764
	K. Paint	765
	L. Sensory Illusions	766
	M. Spotting	768
	N. Visible Signals	769

	C. Visual Acuity	771
	P. Visual Devices	776
	Q. Visual. Tests	781
LXV.	WATER REQUIREMENTS	787
LXVI.	WOUND BALLISTICS	790
	APPENDIX	
	Reports Prepared by German Scientists at	
	Wright Field	797
	*	



XXXV. HEARING

- A. Acoustics
- B. Audiometric Tests
- C. Auditory Fatigue
- D. Ear Protectors
- E. Microphone
- F. Noise
- G. Otitis
- H. Speech

XXXV. HEARING

- 1. Auditory acuity of aviation cadets.
 B. H. Senturia
 War Dept., Air Forces, Randolph Field #239 (1) 3 May 1944
- 2. Auditory fatigue in Asdic operators. Min. Comm. Naval Med. Research. N.R.C.C. January 28, 1942, Appendix R
- 3. Effect of wearing ear cotton upon hearing acuity.
 P. A. Campbell
 War Dept., Air Forces, Randolph Field #10 (1) 12 Feb. 1942
- 4. Evaluation of auditory conditions in Asdic cabins at sea.

 D. Y. Solandt and M. L. Bunker

 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix L
- 5. Handbook for Medical Examiners. Suggested revision submitted by the Committee on Medical Problems of Civil Aviation, National Research Council.

 Dept. Commerce undated (rec'd NRC-CMR 17 July 1946)
- 6. Instrument controls and display efficient human manipulation.
 F. C. Bartlett
 Report, Comm. Flying Personnel Research FPRC 565, Dec. 1943
- 7. Interviews with Hans Hartinger, Werner Knothe, Theo von Spreker, Professors at Gottingen University, Institute of Professor Rein, and with Ingeborg Schmidt.
 P. A. Campbell
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 9 July 1945
- 8. Medical faculty of the Friedrich-Schiller-University Jena.
 C. L. McCharthy
 War Dept., Combined Intelligence Objectives Subcomm. Report #92 undated (rec'd NRC-CMR 5 Aug. 1946)
- 9. Physical standards for selectees inducted into the United States Navy.
 Navy Dept., Misc. 2 Jan. 1942
- 10. Possible effects of small daily doses of sulfadiazine on flying personnel.
 P. A. Campbell
 War Dept., Air Forces, Randolph Field #293 (1) 29 July 1944
- 11. R.A.A.F. activities of the Acoustic Research Laboratory, 29th August, 1944. (Hearing, acoustics, noise, speech, ear protectors, communication.)

 Report, Comm. Flying Personnel Research, FPRC, RAAF FR 99 (b), 29 Aug. 1944
- 12. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.

 H. E. Whittingham

 FPRC Report #651 5 Mar. 1946
- 13. Response characteristics of interphone equipment II.

 L. L. Beranek et al

 NDRC report 23 June, 1942

Hearing

- 14. Reviews of physical standards for airmen. Appendix C. Filed with: Reports, Comm. Med. Problems of Civil Aviation undated (rec'd NRC-CMR 22 Aug. 1946)
- 15. Side effects of three motion sickness preventives.

 Birren, Stormont and Fisher

 Naval Med. Research Inst., Project X-278, report #1 26 June 1944
- 16. Survey of the aural health of aircrew candidates for service with the
 Royal Air Force.
 E. D. D. Dickson and G. H. Bateman
 FPRC Report #603 Dec. 1944
- 17. Threshold of hearing for words.

 NDRC Report 20 May 1944
- 18. Toxicity of suppressive doses of the anti-malarial drug, SN-7618.

 P. K. Smith et al

 Report #301, Malaria Board 12 Jan. 1945

A. Acoustics

- Acoustical considerations in the design of an oxygen mask. Report of Oct. 19, 1942.
 L. L. Beranek
 Filed with: Reports, Comm. Oxygen, NRC Oct. 19, 1942
- 2. Acoustic performance of various ear plugs.
 Psycho-Acoustic Lab., Harvard Univ.
 NDRC, OSRD Report (no number) 23 Aug. 1943
- 3. Acoustic properties of the C4 helmet with varied headphone installations.

 J. W. Rogers and A. C. Burton

 Proc. Exec., Assoc. Comm. Aviation Med. Research 18 Sept. 1943,
 Appendix B
- 4. Acoustic properties of the R.C.A.F. flying helmet type C4.
 R. C. Smith and A. C. Burton
 Report, Comm. Protective Clothing, NRCC ACAMR #C2418/SPC #99,
 February 17, 1943
 Proc. Assoc, Comm. Aviation Med. Research, 22 July, 1943 Appendix
 I, Report #18
- 5. Evaluation of auditory conditions in Asdic cabins at sea.
 D. Y. Solandt and M. L. Bunker
 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix L
- 6. Group test specification for miniature microphones(including throat microphones).

 Ministry Supply, Adv. Council Sci. Research & Tech. Develop. AC 4610 (revised), 9 Nov. 1943
- 7. Group test specification for miniature telephone receivers.

 Ministry Supply, Adv. Council Sci. Research & Tech. Develop. -
 AC 4611 (revised), 9 Nov. 1943
- 8. Impairment of acoustic transmission due to items of Army clothing for cold-weather wear II.

 Shaw, Yates and Newman

 NDRC Report 20 Apr. 1945
- 9. Measurements made of the acoustic attenuation of "doughnut rings" for flying helmets.

 H.A. Robinson

 Proc. Exec., Assoc. Comm. Aviation Med. Research April 8, 1943
 Appendix K
- 10. Measurements on acoustic insulation of materials for telephone holders for flying helmets.

 H.A. Robinson

 Proc. Exec., Assoc. Comm. Aviation Med. Research, April 18, 1943

 Appendix I

Acoustics

- 11. Modifications of constant flow oxygen mask assembly to improve acoustic efficiency.

 Smith, Rogers, and Goodwin

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 14 July 1944, Appendix N
- 12. Notes on future of Acoustic Testing Laboratory.
 N. E. Murray
 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 45,
 22 Dec. 1943
- 13. Physiological effects of ultra-sonic vibrations.

 War Dept., Combined Intelligence Objectives Subcomm. Report #45 undated (rec'd NRC-CMR 2 Aug. 1945)
- 14. R.A.A.F. activities of the Acoustic Research Laboratory, 29th August, 1944. (Hearing, acoustics, noise, speech, ear protectors, communication.)

 Report, Comm. Flying Personnel Research, FPRC, RAAF FR 99 (b), 29 Aug. 1944
- 15. Recommendation for the setting up of a noise and acoustic testing laboratory,
 J. C. Eccles
 Report, Comm. Armoured Vehicles, Australia AFV 18, March 12, 1943.

B. Audiometric Tests

- 1. "Auditory screening test" with a simplified puretone audiometer.

 H. E. McHugh

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March
 1945, Aprendix Y
- 2. Certain details of the experiments on fatigue of pitch discrimination. Partridge, Brown, and Roseblade Proc. Assoc. Comm. <u>Naval</u> Med. Research - 15 May 1944, Appendix K
- 3. Development of suitable audiometric equipment for the investigation of aural and allied conditions in the armed forces.

 Hector Mortimer and Anthony Lawruk

 Proc. Assoc. Comm. Army Med. Research, NRCC 7-8 Dec. 1945, Vol. 5

 Appendix F
- 4. Development of suitable audiometric equipment for the investigation of aural trauma in the armed forces.

 Hector Mortimer and Anthony Lawruk

 Proc. Assoc. Comm. Army Med. Research, NRCC 27 April 1945,

 Vol. 3, Appendix R
- 5. Effect of rhythmic pressure variation upon auditory acuity. G. C. Knowlton War Dept., Air Forces, ENG-49-696-52, 28 Sept. 1943
- 6. Fatigue and ability to pitch discrimination with reference notes of different frequencies and fatigue of pitch discrimination with signals of various loudness levels.

 R. C. Partridge and J. F. Fletcher

 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix J
- 7. Fatigue of pitch discrimination in Asdic operators.
 R. C. Partridge
 Proc. Assoc. Comm. Naval Med. Research Jan. 30, 1943, Appendix S
- 8. Functions of loudness discrimination in submarine sonar operation. J. D. Harris Navy Dept., Med. Research Lab., U.S. Submarine Base, New London, Conn - 5 April 1945
- 9. Group method for testing hearing, and its correlation with pure tone audiometry.

 M. E. Mounfield and J. E. Goodwin

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March 1945. Appendix J
- 10. Interim report on hearing loss investigations March to August 1944.

 J. A. Sullivan and R. W. McKay

 Proc. Assoc. Comm. <u>Aviation Med. Research</u>, NRCC 29 Sept. 1944,

 Appenidx A

Audiometric Tests

- 11. Listening training aids for pre-flight and primary flight students. Steer, Hadley and Kerr Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-520(Av-274-h)(1) - 22 Sept. 1945
- 12. New method of testing the hearing efficiency of aviation cadets. FPRC report #532 Mar. 1943
- 13. Pitch discrimination in noise. Interim report No. 1.

 J. D. Harris

 Navy Dept., Med. Research Lab., U.S. Submarine Base, New London,
 Conn. 6 July 1945
- 14. Proceedings of the Ordnance Board No. 29,772 & Appendix. Ordnance and propellants. Measurement and effects of gun blast. Effects of blast on personnel resultant deafness. Report on audiograms. Filed with: Reports, Comm. Weapons, MPRC, MRC 13 Dec. 1944
- 15. Progress of aviation medicine in the Royal Air Force and its application to the problems of civil aviation.

 H. E. Whittingham

 FPRC Report #667 13 July 1946
- 16. Recommendations on testing of hearing in the R.A.F. Otological Sub-committee, FPRC FPRC report #532 (a) 29 Oct. 1943
- 17. Relation between the audiogram at high frequencies and proficiency in sonar performance. Interim report No. 1.

 J. D. Harris

 Navy Dept., Med. Research Lab., U.S. Submarine Base, New London Conn. 4 June 1945
- 18. Report of the vision and hearing tests carried out by the R.C.N. Medical Research Testing Units at Cornwallis and at Halifax. C. G. Smith
 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945,
 Appendix E
- 19. Report on various types of ear defender considered for air crew use in the Royal Air Force.
 E. D. D. Dickson et al
 FPRC Report #613 March 1945
- 20. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945. H. E. Whittingham FPRC Report #651 - 5 Mar. 1946

- 21. Sound levels and noise analysis in the engine room of Fairmiles.
 M. L. Bunker.
 Proc. Assoc. Comm. Naval Med. Research 15 May, 1944,
 Appendix M.
- 22. Studies on the comparative efficiency of the free voice and the pure tone audiometer for routine testing of auditory acuity. Interim report No. 1.
 J. D. Harris.
 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London, Conn. 8 Oct. 1945.
- 23. Suggested method for measuring the attenuation of sound by flying helmets.
 E. D. D. Dickson et al.
 FPRC report No. 549 Aug., 1943.
- Survey of auditory acuity among pilots and enlisted trainees.
 B. H. Senturia.
 War Dept., Air Forces, Randolph Field 171(1) 14 September, 1943.
- 25. Survey of the aural health of aircrew candidates for service with the Royal Air Force.
 E. D. D. Dickson and G. H. Bateman.
 FPRC Report No. 603 Dec. 1944.
- 26. Testing of Asdic personnel. Halifax, Nova Scotia. Solandt, Smith, Cowan, and Dales. Proc. Assoc. Comm. Naval Med. Research - Jan. 30, 1943, Appendix R.
- 27. Use of a recorded word test for the diagnosis of different types of hearing loss.
 C. V. Hudgins et al.
 NDRC Report 20 June 1944.

C. Auditory Fatigue

- Certain details of the experiments on fatigue of pitch discrimination.
 Partridge, Brown, and Roseblade.
 Proc. Assoc. Comm. Naval Med. Research 15 May 1944. Appendix K.
- Deafening and fatigue due to prolonged exposure to loud noise in
 A.F.V.s.
 Ministry Supply, Adv. Council Scientific Research and Develop. <u>AC 6611</u>, 15 July, 1944.
- 3. Effect of exposure to airplane noise on auditory acuity.

 B. H. Senturia.

 War Dept., Air Forces, Randolph Field No. 205(5) 4 Aug. 1944.
- 4. Effect of gunfire noise upon auditory acuity for pure tones.

 F. W. Ogden.

 War Dept., Air Forces, Randolph Field No. 215 (1) 20 Sept. 1944.
- Effect of training on pitch discrimination in asdic operators and fatigue of hearing in asdic operators.
 Proc. Assoc. Comm. Naval Med. Research - 7 Oct. 1943, Appendix F.
- 6. Fatigue among tank personnel. A note upon the progress of investigations.
 C. S. Hallpike
 Report, Comm. Armoured Vehicles, MPRC BPC 44/347,
 26 Lay 1944.
- 7. Fatigue and ability to pitch discrimination with reference notes of different frequencies and fatigue of pitch discrimination with signals of various loudness levels.
 R. C. Partridge and J. P. Fletcher.
 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix J.
- 8. Fatigue of pitch discrimination in Asdic operators.
 R. C. Partridge
 Proc. Assoc. Comm. Naval Med. Research Jan. 20, 1942,
 Appendix S.
- 9. Proceedings of the Ordnance Board No. 29, 772 & Appendix. Ordnance and propellants. Measurement and effects of gun blast. Effects of blast on personnel resultant deafness. Report on audiograms. Filed with: Reports, Comm. Weapons, MPRC, MRC 13 Dec. 1944.
- 10. Report on the activities of the Associate Committee on Naval Medical Research.

 Proc. <u>Exec</u>. Assoc. Comm. <u>Naval</u> Med. Research, NRCC <u>16 March 1944</u>.

 Appendix "A".
- 11. Studies on fatigue of pitch discrimination.

 Partridge, Fletcher and Goodwin.

 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945,

 Appendix F.
- 12. Thirteenth report, Electro-Acoustics Sub-committee held on Friday,
 June 23, 1944.
 Ministry Supply, Adv. Council Scientific Research and Tech. Develop.
 AC 66/EA47, 3 July 1944.

D. Ear Protectors

- 2. Blast protection afforded to the ear by service pattern flying helmets and by service headphones. Road Research Lab., Dept. Scientific and Industrial Research Report, Comm. Weapons, MPRC-BPC 43/61, May, 1942
- 3. Comparison of the blast protection afforded to the ear by the standard naval blast helmet, by ear plugs and by service headphones.
 Report, Comm. Royal Naval Personnel Research, MRC RNP 43/64, Oct. 1943
- 4. Design of earpad, helmets and headsets for acoustic efficiency in noise. Acoustic Research Laboratory Report No. 13.

 N. E. Murray and A. H. Pollard
 Report, Comm. Flying Personnel Research, RAAF FR 131,
 21 Nov. 1945
- 5. Development of ear wardens type V-51R.
 W. A. Shaw
 NDRC Report, OSRD #5122 1 July 1945
- 6. Ear plug protection against noise and concussion of gunfire.
 F. W. Ogden
 War Dept., Air Forces, Randolph Field #326 (1) 18 Nov. 1944
- 7. Ear plugs for flying personnel.
 S. C. Allen
 War Dept., Air Corps, Engin. Div. ENG-M-49-695-23,
 December 22, 1942
- 8. Ear plugs for protection against noise and blast.

 J. C. Eccles and N. E. Murray

 Report, Comm. Armoured Vehicles, NHMRC Australia, A.F.V.

 50, 22 Nov. 1943
- 9. Ear plugs for protection against noise and blast report no. 5.
 Addendum no. 2.
 N. E. Murray
 Report, FPRC RAAF, FR 78(a) 22 July 1944
- 10. Effect of blast from 3.7 A.A. guns on gun crews.
 G. Reid
 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 41,
 11 Nov. 1943

Ear Protectors

- 12. Evaluation of ear plug effectiveness.

 H. B. Peugnet

 War Dept., Air Forces, Randolph Field Project 257, report #2
 1 July 1944
- 13. Evaluation of ear plug effectiveness (Preliminary report).
 F. W. Ogden
 War Dept., Air Forces, Randolph Field #257 (1) 12 Apr. 1944
- 14. Experiments with earplugs: I. Their effect on the intelligibility of speech. II. Their use as a protection against gun blast. K. D. Kryter

 NDRC report OSRD #3541, 1 June 1944
- 15. Field trials of N.D.R.C. ear wardens.

 Proc. Assoc. Comm. Army Med. Research, NRCC 10-11 Nov. 1944,
 Appendix I, pp. 5-6
- 16. Gun-fire test with A.T.L. ear plugs.

 J. C. Eccles and N.E. Murray

 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 37,

 2 Sept. 1943
- 17. Investigation of ear plugs for protection against gun blast.
 R. H. Walpole
 Armored Med. Research Lab. 5 Aug. 1944
- 18. Notes on future of Acoustic Testing Laboratory.

 N. E. Murray

 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 45,

 22 Dec. 1943
- 19. Proceedings of the Ordnance Board, 3 Nov. 43, No. 25,340. Effects of blast on personnel firing 17-pdr. anti-tank gun. (Previous No. 24,893)
 Filed with: Reports, Comm. Weapons, MPRC 3 Nov. 1943
- 20. Proceedings of the Ordnance Board 29 Dec., 1943, No. 25,938.

 Ordnance and propellants. Measurement of effects of gun blast.
 Q.F. 17-pr. A/T gun. Effects of blast on personnel.

 Filed with: Reports, Comm, Weapons, MPRC-29 Dec., 1943
- 21. Progress in physiological matters relating to Coastal Forces.

 Report, Royal Naval Personnel Research Comm., MRC RNP/43/52,
 undated (rec'd. MRC-CMR 29 Jan. 1944)
- 22. Protection of hearing.

 E.D.D.Dickson and A.W.G.Ewing.

 Report F.P.R.C.#352, undated.
- 23. R.A.A.F. Activities of the Acoustic Research Laboratory.

 Report, Comm. Flying Personnel Research, RAAF FR 101E,

 14 Dec. 1944

- 24. R.A.A.F. activities of the Acoustic Research Laboratory. F.P.R.U. meeting. Report, Comm. Flying Personnel Research, RAAF FR 116(b), 10 May 1945
- 25. R.A.A.F. activities of the Acoustic Research Laboratory, 29th
 August, 1944. (Hearing, acoustics, noise, speech, ear protectors,
 communication.)
 Report, Comm. Flying Personnel Research, FPRC, RAAF FR 99 (b), 29 Aug. 1944
- 26. Report from A.M.D. 8 to the Associate Committee on Army Medical Research. (Review of Army medical research and development work during 1944.)

 D. S. McEachern

 Proc. Assoc. Comm. Med. Research, NRCC 17 March 1945, Appendix A, and p. 2
- 27. Report on activities of the Acoustic Testing Laboratory, 19 April 1944.

 Report, Comm. Flying Personnel Research, RAAF FR 83(c), undated (rec'd NRC-CMR 13 April 1945)
- 28. Report on fifth meeting of Associate Committee on Army Medical Research.

 George Guest and Philip Owen

 Misc, Canadian Report #96 10 Nov. 1944
- 29. Report on noise in Australian A.C.l cruiser tank with metal tracks.

 J. C. Eccles and N. E. Murray

 Report, Comm. Armoured Vehicles, NHARC Australia AFV 28,

 14 June 1943
- 30. Report on the protection of naval personnel from excessive noise.

 D. Y. Solandt

 Proc. Assoc. Comm. Naval Med. Research January 30, 1943,

 Appendix M and p. 11
- 31. Report on various types of ear defender considered for air crow use in the Royal Air Force.
 E. D. D. Dickson et al
 FPRC Report #613 March 1945
- 32. Research on ear defenders.
 V. O. Knudsen and N. A. Watson
 NDRC report OSRD #536, 5 February, 1942
- 33. Sound levels and noise analysis in the engine room of Fairmiles.

 M. L. Bunker

 Proc. Assoc. Comm. Naval Med. Research 15 May 1944,

 Appendix M and pp. 8-9

Ear Protectors

- 34. Summary of action taken or pending in matters concerning the Royal Naval Personnel Research Committee, subsequent to the 10th meeting on Tuesday, 14th September, 1943.

 H. K. Oram

 Report, Comm. Royal Naval Personnel Research, MRC RNP/43/68, 20 Oct. 1943
- 35. Summary of tests made on the resistance of materials and fungicides to mildew, from April to October 1944.

 J. T. Bonner
 War Dept., Air Forces, TSEAL3-696-70, 8 Dec. 1944
- 36. Summary report of the 16th meeting of the subcommittee on Protective Clothing. (Held in Toronto on June 8th, 1943). Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943, Appendix I, Report #41
- 37. Survey of hearing deficit in certain Marine Corps personnel and an evaluation of the effectiveness of the V-51R Ear Warden compared to the Knight-Dunbar modification thereof in protecting the ear against concussion blast.

 H. M. Patt et al

 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,

 M&S Research Project X-488 (Sub. No. 101),

 Progress Report 2 1 May 1945
- 38. Test of acousti-guard (ear protective device).

 R. H. Walpole, Jr.

 Armored Med. Research Lab. 5 November 1943
- 39. Test of ear protective devices silents.

 R. H. Walpole

 Armored Med. Research Lab. 15 Oct. 1945
- 40. Use of ear plugs for protection against noise: medical considerations.

 Hallowell Davis

 NDRC Report 1 April 1944

E. Microphone

- 1. Articulation-test comparisons of six Signal Corps aircraft interphones at low and high altitudes.
 K. D. Kryter and D. A. Ross
 NDRC, OSRD report #1974 1 Mar. 1944
- 2. Articulation tests on the R.C.A.F. type C2 oxygen mask.

 Goodwin, Smith and Rogers

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC
 14 July 1944, Appendix M;
- 3. Comparative articulation tests of microphones and mask-microphone assemblies.
 Rogers, Goodwin and Smith
 Proc. Assoc. Comm. Aviation Med. Research, NRCC 29 Sept.
 1944, Appendix I
- 4. Comparison of articulation efficiency of standard R.C.A.F., R.A.F. and U.S.A.A.F. oxygen mask assemblies.

 Rogers, Smith and Goodwin

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 29 Sept. 1944, Appendix F
- 5. Comparison of type 39 microphone (laryngophone) and type 26 service electro magnetic microphone.
 D. B. Fry and G. E. Swindell.
 F.P.R.C. report 432 Feb., 1942.
- 6. Electric inter-communication for elementary type aircraft. Final report.
 S. Davidson
 FPRC report #497
- 7. Evaluation of Gleason gosport mouthpiece.

 Steer, Hadley and Kerr

 Navy Dept., Naval Air Training Center, Pensacola, Fla.,

 Project X-634(Av-327-h)(1) 18 Dec. 1945
- 8. Flight and laboratory tests of various microphones and noise shields for use at low altitudes.

 Eglin Field, Fla., and Psycho-Acoustic Lab., Harvard U.

 NDRC, OSRD report #1973 27 Dec. 1943
- 9. Group test specification for miniature microphones (including throat microphones).

 Ministry Supply, Adv. Council Sci. Research & Tech. Develop. AC 4610 (revised), 9 Nov. 1943
- 40. Headphone harness.

 Physiol. Lab., A.F.V. School

 Report Comm. Armoured Vehicles, M.P.R.C. EPC 74 (P.L. 10)

 Aug. 1, 1941.

Microphone

- 11. Information compiled from questionnaires issued with equipment
 for service test in Alaska.
 J. E. Burns
 War Dept., Air Forces, ENG-49-660-60, 8 April 1944
- 12. Intercommunication system for indoctrination chamber.
 A.P. Gagge
 War Dept., Air Forces, ENG-M-49-695-26, March 9, 1943
- 13. Laryngophones and microphones development and trials.
 D. H. de Burgh
 F.P.R.C. report #470-a
- 14. Low temperature and altitude tests on type C3A* microphones.

 J. W. Rogers and A. T. Stringer

 Proc. Exec., Assoc. Comm. Aviation Med. Research 22

 March 1944, Appendix K
- 15. Manual of oxygen and intercommunication equipment. 2nd ed. (CAP 307).

 Sub-committee Oxygen Equipment, NRCC

 Report, Comm. Oxygen Equipment, NRCC Oct. 1943
- 16. Medical aspects of R.A.F. polar research flights.
 R. H. Winfield
 FPRC Report #663 Jan. 1946
- 17. Memorandum on installation and operation of equipment used in a basic voice communication course.

 NDRC Report, OSRD #3749 7 June 1944
- 18. Memorandum on microphones.

 H.A.Robinson
 Comments by B.D.H.Matthews.
 Min. Assoc. Comm. Aviation Med. Research, Sept. 18, 1941, N.R.C.C.
 Appendix D.
- 19. Night operations.

 R. W. Nurse and G. E. Newell

 Army Operational Research Group, AORG #165, undated

 (rec'd. NRC-CMR 8 July 1944)
- 20. Note on Professor S. S. Stevens' report of test of R.A.F. flying helmets type B, type C, and tropical, with 10A/12401 phones.

 C. H. Brown
 F.P.R.C. report #452-a
- 21. Note on the small microphone used with the Canadian demand valve equipment.

 Report F.P.R.C. #409, Nov. 1941.

- 22. Notes on a discussion on laryngophones held at North Court,
 Tuesday 18th November, 1941.
 F.P.R.C. report 420, November 29, 1941.
- 23. Notes on the meeting of the Intercommunications Sub-Committee held on 17th June, 1942 at Awdry House, Kingsway, W.C.2. F.P.R.C. report #470 June 17, 1942
- 24. Oxygen line safety clamps.
 C. A. Tobias
 C.M Report #311 20 May 1944

14 Dec. 1944

- 25. Performance of communication equipment in noise.

 OEMcmr-658.

 J. P. Egan et al

 NDRC Report, OSRD #901 1 Oct. 1942
- 26. Preliminary list of proceedings of meetings and of reports on oxygen equipment 1940 February, 1944.
 Sub-Comm. on Oxygen Equipment, MRC
 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 March 1944, Appendix A
- 27. Preliminary production specification for cord, instrument, microphone, type C-3, RCAF ref. no. 10H/3692. RAD-85-3, issue 1. Dept. Nat. Defence for Air, RCAF Royal Canadian Air Force 17 February, 1942
- 28. Preliminary production specification for microphone, mask, type C-3,
 RCAF ref. no. 10A/3694, RAD-85-1, issue 1
 Dept. Nat. Defence for Air, RCAF
 Royal Canadian Air Force 17 February, 1942
- 29. Preliminary production specification for plug, helmet, microphone, type C-3, RCAF. Ref. no. 10H/3696, RAD 85-5, issue 1.

 Dept. Nat. Defence for Air, RCAF

 Royal Canadian Air Force 17 February, 1942
- 30. Preliminary production specification for RCAF demand oxygen assembly.

 ACR-52-1, issue 1

 Dept. Nat. Defence for Air, RCAF

 Royal Canadian Air Force 4 March, 1942
- 31. Preliminary production specification for socket, helmet, microphone, type C-3, RCAF. ref. no. 10H/3697, RAD-85-4, issue 1 Dept. Nat. Defence for Air, RCAF.
 Royal Canadian Air Force 17 February, 1942
- 32. Preliminary report on current activities of the R.A.F. Physiological Latoratory, Farnborough.

 A. K. McIntyre
 Report, Comm. Flying Personnel Research, RAAF FR-101B,

Microphone

- 33. R.A.A.F. Activities of the Acoustic Research Labortory.

 Report, Comm. Flying Personnel Research, RAAF FR 101E,
 14 Dec. 1944
- 34. R.A.A.F. activities of the Acoustic Research Laboratory. F.P.R.U. meeting. Report, Comm. Flying Personnel Research, RAAF FR 116 (b), 10 May 1945
- 35. R.A.A.F. activities of the Acoustic Research Laboratory, 29th August, 1944. (Hearing, acoustics, noise, speech, ear protectors, communication.)

 Report, Comm. Flying Personnel Research, FPRC, RAAF FR 99 (b), 29 Aug. 1944
- 36. Report on activities of the Acoustic Testing Laboratory, 19 April 1944.

 Report, Comm. Flying Personnel Research, RAAF FR 83(c), undated (rec'd NRC-CMR 13 April 1945)
- 37. Report on a visit to the U.S.A. and Canada, November 12th 1943 January 4th, 1944.

 O. M. Solandt

 Army Operational Research Group, AORG #261, 8 Feb. 1944
- 38. Report on microphone position: T-30-S and T-17.
 Talley, Curtis and Haagen
 NDRC Report, OSRD #4260 18 Oct. 1944
- 39. Report on noise in Australian A.C.l cruiser tank with metal tracks.

 J. C. Eccles and N. E. Murray

 Report, Comm. Armoured Vehicles, NHWRC Australia AFV 28, 14

 June 1943
- 40. Report on proposed R.C.A.F. oxygen and W/T equipment with special reference to its interchangeability with present and proposed R.A.F. equipment.

 J. C. Gilson

 FPRC report #376 November 20, 1941
- 41. Report on tests of throat microphones. F.P.R.C. report #454
- 42. Report on the activities of the Subcommittee on Oxygen Equipment,
 Assoc. Comm. on Aviation Med. Research, National Research Council,
 Canada for the fiscal year 1943-44.
 G. E. Hall and E. C. Black
 Proc. Assoc. Comm. Aviation Med. Research 25 Feb. 1944, Appendix B
- 43. Report on the activities of the Subcommittee on Oxygen Equipment,
 Associate Committee on Aviation Medical Research, National
 Research Council, Canada, for the fiscal year 1944-45
 Hall, Black and Smith
 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945,
 Appendix A

- 44. Report on the S. T. and C. laryngophone. F.P.R.C. report #466
- 45. Report on type T.20A. American laryngophone. F.P.R.C. report #466-a July 1, 1942
- 46. Report on voice loudness: over aircraft radios and microphones.

 C. H. Talley et al

 NDRC Report, OSRD #4290 27 Oct. 1944
- 47. Reports on R.A.F. flying helmets, type B, type C, and tropical tested with 10A/12401 phones, April, 1942.

 S. S. Stevens
 F.P.R.C. report #452
- 48. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945;

 H. E. Whittingham

 FPRC Report #651 5 Mar. 1946
- 49. Report upon noise in armoured fighting vehicles.

 Report, MPRC HPC 206 and Appendices A, B, D, E, G, H
- 50. Response characteristics of interphone equipment II.

 L. L. Beranek et al

 NDRC report 23 June, 1942
- 51. Royal Air Force type G oxygen mask.

 J. C. Gilson.

 F.P.R.C. report 444-April 9, 1942.
- 52. Shield, anti-freeze, microphone, type C-l Spec. RAD-85-8. Filed with: Assoc. Comm. Aviation Med. Research NRCC-Mar. 17, 1942
- 53. Skin temperature of the face of subjects exposed to -40° while operating microphone T-45.

 War Dept., Signal Corps, Climatic Research Unit, ENG. Memo #15 CR 25 April 1944
- 54. Some factors to be considered in the design of headphones and microphones and their harness for use in tanks.

 Physiol. Lab., A.F.V. School

 Report, Comm. Armoured Vehicles, MPRC-HPC 127/PL 17-October 27, 1941.

Microphone

- 55. Standardisation of oxygen equipment for British, Canadian and U. S. aircraft position in May, 1942. (a) 100 Canadian mask demand valve and microphone assemblies promised for Service trials in U. K. FPRC report #449(a)
- 56. Standardization of oxygen equipment in British, Canadian and U. S. aircraft. Oxygen, intercommunication, and R/T equipment. Position on 5th June, 1942. FPRC report #449-g
- 57. Telephone headgear assembly for A.F.V. crews.

 Electric Acoustics Sub-committee, Advisory Council on Scientific
 Research and Technical Development.

 Ministry of Supply January 6, 1943
- 58. Tests of flyers' headgear assemblies.

 D. B. Dill

 War Dept., Air Corps, Engin. Div. ENG-M-49-695-19B, January 11,

 1943
- 59. Trip to Ladd Field, Fairbanks, Alaska and Elmendorf Field, Anchorage, Alaska.

 J. E. Burns
 War Dept., Air Forces, Eng-49-660-39-0, 21 Feb. 1944
- 60. Voltage gain and power-output capability requirements for highaltitude interphone amplifiers. J. C. R. Licklider NDRC; OSRD report #1975 - 10 March 1944

F. Noise

- 1. Addendum to report on deafening and fatigue due to prolonged exposure to loud noise in A.F.V.'s (AC 6611/COM 234/Ea 48). Ministry Supply, Adv. Council Scientific Research & Tech., Develop. Comm. Communications, Subcomm. Electro-Acoustics - AC 6611(a), 19 Sept. 1944
- 2. Aiming, directing, controlling. German research papers from Rechlin. U. Henschke German File - Jan. 1945
- 3. Annual historical report of Armored Medical Research Laboratory for 1945 (revised 10 Jan. 1946).
 W. B. Bean
 Armored Med. Research Lab. 10 Jan. 1946
- 4. Assessment of communication efficiency in noise.

 N. E. Murray

 Report, Comm. Armoured Vehicles, NHWRC Australia AFV 51,

 28 Dec. 1943
- 5. Deafening and fatigue due to prolonged exposure to loud noise in A.F.V.s. Ministry Supply, Adv. Council Scientific Research and Tech. Develop. - AC 6611, 15 July 1944
- 6. Ear plugs for flying personnel.
 S. C. Allen
 War Dept., Air Corps, Engin. Div. ENG-M49-695-23, December 22,
 1942
- 7. Effect of exposure to airplane noise on auditory acuity.
 B. H. Senturia
 War Dept., Air Forces, Randolph Field #205 (1) 11 Dec., 1943
- 8. Effect of exposure to airplane noise on auditory acuity.

 B. H. Senturia
 War Dept., Air Forces, Randolph Field, #205 (2) 26 May 1944
- 9. Effect of exposure to airplane noise on auditory acuity.

 B. H. Senturia
 War Dept., Air Forces, Randolph Field #205(3) 4 Aug. 1944
- P. A. Campbell
 War Dept., Air Forces, Randolph Field #5 (1) 22 Jan. 1942

- 12. Effect of flight upon hearing acuity.
 P. A. Campbell
 F.P.R.C. report #460
- 13. Effect of gunfire noise upon auditory acuity for pure tones.

 F. W. Ogden
 War Dept., Air Forces, Randolph Field #315 (1) 30 Sept. 1944
- 14. Effects of high altitude on personnel (air craft noise and vibration).

 Min. Assoc. Comm. Aviation Med. Research, June 6, 1941, Appendix

 I. N.R.C.C.
- 15. Effects of noise and vibration on psychomotor efficiency.
 Progress report.
 S. S. Stevens
 NDRC report OSRD #32 31 March, 1941
- 16. Effects of noise on psychomotor efficiency. Noise reduction in aircraft as related to communication, annoyance and aural injury. Progress report of project II.
 S. S. Stevens et al
 NDRC report, OSRD #274 1 Dec., 1941
- 17. Electric "reaction meter" suitable for prolonged performance tests.

 B. Katz

 Report, Comm. Flying Personnel Research, RAAF FR 62, undated (rec'd 1 Aug. 1944)
- Electronic generation of airplane noise for use in testing and training.
 E.B. Newman and S.S. Stevens
 NDRC report, Psycho-Acoustic Lab., Harvard U. May 25, 1943
- 19. Evaluation of auditory conditions in Asdic cabins at sea.

 D. Y. Solandt and M. L. Bunker

 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix L
- 20. Experiments concerning the indirect effects of explosives on the efficiency of soldiers.

 British War Office Misc. Report #195 undated (rec'd. NRC-CMR 30 Aug. 1944)
- 21. Factors influencing onset and production of fatigue in Catalina flying boat crews. Diet. Noise. Clothing. Glare. Air sickness. Morale. Benzedrine.
 R.H. Winfield.
 Report F.P.R.C. #355, Sept. 1, 1941.
- 22. Fatigue and flying accidents.
 G. O. Williams
 FPRC report #492 September, 1942

406

- 23. Final report on physiological effects of exposure to certain sounds.

 Hallowell Davis et al

 NDRC report OSRD #889 31 July, 1942
- 24. Final summary of research on the use of battle noise equipment.
 E. L. Hartley and D. B. Jones
 NDRC Report, OSRD #4391 12 April 1945
- 25. Gun-fire test with A.T.L. ear plugs.

 J. C. Eccles and N. E. Murray
 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 37,
 2 Sept. 1943
- 26. Measurements of noise in aircraft.

 H. B. Peugnet

 War Dept., Air Forces, Randolph Field #296(1) 19 Feb. 1945
- 27. Medical Department University of Leipzig.
 C. A. W. Uhle
 War Dept:, Combined Intelligence Objectives Subcomm.
 Report #93 undated (rec'd NRC-CMR 5 Aug. 1946)
- 28. Medical observations during passage on northern convoy. Abstract of report by
 Macdonald Critchley
 Report, Royal Naval Personnel Research Comm. R.N.P. 43/25,
 January-February, 1943
- 29. Memorandum on objective measurements of noise in air craft. Radio Dept., R.A.E. F.P.R.C. report 420a
- 30. Noise in a German AFV type Pz Kw III.

 Ministry Supply, Adv. Council Sci. Research & Tech. Develop.
 AC 5904, 22 Dec. 1943
- 31. Noise in armoured fighting vehicles.

 E. J. Barnes and A. J. Forty.

 Report, M.P.R.C. BPC 206, Appendix F
- 32. Noise in Australian cruiser tank A.C. 1.

 N. E. Murray

 Report, Comm. Armoured Vehicles, Australia AFV 17, December, 1942
- 33. Noise in tanks.

 A.F.V. School, Lulworth
 Report, Comm. Armoured Vehicles, MPRC-EPC 130/Pl 18, November
 3, 1941
- 34. Performance of communication equipment in noise.

 0EMcmr-658.

 J. P. Egan et al

 NDRC Report, OSRD #901 1 Oct. 1942

- 35. Phonetic characteristics of words as related to their intelligibility in aircraft-type noise.

 H. M. Mason

 NDRC Report, OSRD #4681 10 Feb. 1945
- 36. Pitch discrimination in noise. Interim report No. 1.

 J. D. Harris

 Navy Dept., Med. Research Lab., U.S. Submarine Base, New London,

 Conn. 6 July 1945
- 37. Proceedings of the Ordnance Board No. 29,772 & Appendix. Ordnance and propellants. Measurement and effects of gun blast. Effects of blast on personnel resultant deafness. Report on audiograms. Filed with: Reports, Comm. Weapons, MPRC, MRC 13 Dec. 1944
- 38. Progress in physiological matters relating to Coastal Forces.

 Report, Royal Naval Personnel Research Comm., MRC RNP 43/52, undated (rec'd. NRC-CMR 29 Jan. 1944)
- 39. Protection of hearing.
 E.D.D.Dickson and A.W.G.Ewing.
 Report F.P.R.C. #352, undated.
- 40. Psycho-physiology of camouflage and reconnaissance.

 K. H. Kekcheyev

 Filed with: British Admiralty ATR trans. 248, 3 Sept. 1942
- 41. Recommendation for the setting up of a noise and acoustic testing laboratory.

 J. C. Eccles
 Report, Comm. Armoured Vehicles, Australia AFV 18, March 12, 1943
- 42. Relative annoyance produced by various bands of noise.
 T. W. Reese and K. D. Kryter
 NDRC Report 17 March 1944
- 43. Report on activities of the Acoustic Testing Laboratory, 19 April 1944.

 Report, Comm. Flying Personnel Research, RAAF FR 83(c), undated (rec'd NRC-CMR 13 April 1945)
- 44. Report on effect of exposure to tank noise upon hearing acuity of tank crews.
 T. F. Hatch and R. H. Walpole
 Armored Force Med. Research Lab. Jan. 20, 1943
- 45. Report on noise in Australian A.C.l cruiser tank with metal tracks.

 J. C. Eccles and N. E. Murray

 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 28, 14

 June 1943

- 46. Report on the protection of naval personnel from excessive noise.

 D. Y. Solandt

 Proc. Assoc. Comm. Naval Med. Research January 30, 1943,

 Appendix M
- 47. Report upon noise in armoured fighting vehicles.

 Report, MPRC EPC 206 and Appendices A, B, D, E, G, H
- 48. Report upon noise in armoured fighting vehicles.
 (Summary of EPC 206)
 Report, MPRC EPC 206 a.
- 49. Scheme of investigation of possible inefficiency in R.A.C. personnel due to noise deafness.

 Report, M.P.R.C. BPC 206, Appendix J.
- 50. Secret report No. 3. Psycho-motor efficiency (as measured by time for accurate gun-laying) under hot conditions.

 Lee, Klemm and White

 Report, Comm. Flying Personnel Research, RAAF FR 109,

 18 Jan. 1945
- 51. Selection of emotionally unstable personnel by battle noise equipment.

 E. L. Hartley and D. B. Jones

 NDRC Report, OSRD #4684 10 Feb. 1945
- 52. Some factors influencing dark adaptation.

 B. H. C. Matthews and A. K. Luczak

 Report, Comm. Flying Personnel Research FPRC 577, June 1944
- 53. Sound level measurements in U. S. military airplanes.
 Rudmose, Beranck, Wallace, and Ericson
 NDRC, OSRD report #624 20 May, 1942
- 54. Sound levels and noise analysis in the engine room of Fairmiles.

 M. L. Bunker

 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix M
- 55. Supplementary report on injury of the inner ear produced by exposure to loud tones, OEMcmr-194.

 J. E. Hawkins, M. H. Lurie and H. Davis
 Filed with: Reports, Comm. Otolaryngology 31 Dec., 1943
- 56. Survey of auditory acuity among pilots and enlisted trainees.

 B.H. Senturia

 War Dept., Air Forces, Randolph Field 171 (1) 14 September 1943
- 57. Survey of engine and boiler room noise on vessels of the Royal ... Canadian Navy.

 Min. Comm. Naval Med. Research, Jan. 28, 1942, Appendix S, N.R.C.C.

- 58. Temporary deafness due to gunfire. Acoustic Research Laboratory,
 Report No. 7.

 N. E. Murray and G. Reid
 Report, Comm. Army Physiological Research, NHMRC 24 Jan. 1945
- 59. Temporary deafness following exposure to loud tones and noise. Final report, OEMcmr-194.

 Filed with: Reports, Comm. Otolæryngology, 30 Sept. 1943

G. Otitis

- Abstract of a report on the treatment of chronic suppurative otitis media by local applications of penicillin and other drugs.
 E. G. Collins and K. E. A. Hughes
 British War Office, Misc. Report #152 13 Apr. 1944
- 2. Abstract of a report on the treatment of chronic suppurative otitis media by local applications of penicillin and other drugs.
 E. G. Collins and K. E. A. Hughes
 British War Office, Misc. Report #165 13 Apr. 1944
- 3. Acute otitic barotrauma clinical findings, mechanism and relation-ship to the pathological changes produced experimentally in the middle ears of cats by variations of pressure.

 Dickson, McGibbon and Campbell
 Report, Comm. Flying Personnel Research FPRC 423 (U), Dec. 1943
- 4. Aero-otitis media in high altitude chamber flights.
 A.T. Lieberman
 War Dept., Air Forces, ENG-49-698-11, April 29, 1943
- 5. Aerotitis media in submariners. Interval report No. 1.
 H. L. Haines and J. D. Harris
 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London,
 Conn. 18 Feb. 1946
- 6. Air evacuation consideration of the ear amd paranasal sinuses in air evacuation.
 E. W. Peterson
 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. IV Appendix C, and Vol. I
- 7. Analysis of the results of penicillin treatment in 5,000 cases reported to the committee on chemotherapeutics and other agents. Interim report, O M.cmr-275.
 D. G. Anderson
 Report #7, Comm. Chemotherapy 15 Nov. 1944
- 8. Aviation Physiologists Bulletin.
 War Dept., Air Forces, Misc. March-April 1945
- 9. Aviation Physiologists Bulletin, No. 7.
 War Dept., Air Forces, Misc. Sept. 1944
- 10. Continuous pressure politzerization in the prevention of altitude chamber aero-otitis media.

 F. W. Ogden
 CAM report #211 31 Aug., 1943
- 11. Effect of blast from 3.7 A.A. guns on gun crews.
 G. Reid
 Report, Comm. Armoured Vahicles, NHMRC Australia AFV 41, 11
 Nov. 1943

Otitis

- 12. Etiology of external otitis.

 B. H. Senturia

 War Dept., Air Forces, Randolph Field #349(1) 15 Jan. 1945.

- 15. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part III. The health of the Eastern Fleet.

 F. P. Ellis

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(f),
 July 1945
- 16. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part III. The health of the Eastern Fleet. (Tables).

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(g),

 July 1945
- 17. G. A. F. Medical Service II. Incidence and treatment of
 infectious diseases. Eacteriological warfare, aviation medicine
 and psychiatry.
 S. D. Felkin
 War Dept., Air Forces, Misc. 15 July 1945
- 18. Head measurements in cases of recurrent otitic barotrauma.

 FPRC Report #608 6 Feb. 1945
- 19. Incidence of otitic and sinus barotrauma among flying personnel during descent in the low-pressure chamber.

 A. H. Sellers and C. B. Stewart

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13

 March 1945, Appendix A₁
- 20. Investigation of psychological disorders in flying personnel.

 Episodes of unconsciousness, confusion, and amnesia while flying.

 Denis Williams

 Report, Comm. Flying Personnel Research FPRC 562, Nov. 1943
- 21. Lymphoid hyperplasia and prevention of otitis due to barotrauma (aerotitis) with radon.

 E. P. Fowler, Jr.

 War Dept., ETO undated (rec'd. NRC-CMR 5 May 1944)

- 22. Measurement of eustachian tube resistance in individuals not subject to aero-otitis media.
 P. A. Campbell
 War Dept., Air Forces, Randolph Field #6 (1) 25 June 1942
- 23. Medical consideration of WASPS.

 N. O. Monserud

 War Dept., Air Forces, Misc. undated (rec'd NRC-CMR 14 April 1945)
- 24. Modified politzerization in treatment of aero-otitis media. F.W. Ogden
 War Dept., Air Forces, Randolph Field #173 (1) -3 Aug. 1943
- 25. Penicillin in the treatment of certain diseases of the skin.

 Roxburgh, Christie, and Roxburgh

 Filed with: Report, Comm. Penicillin Clinical Trials, MRC
 undated (rec'd NRC-CMR 24 Apr. 1944)
- 26. Physiological considerations on the choice of pressures for
 pressure cabin military aircraft.
 H. L. Roxburgh
 FPRC Report #402(a) 9 Jan. 1945
- 27. Practical guide for aviation physiologists in the use of the altitude chamber as a diagnostic aid.
 R. J. Greenberg
 War Dept., Air Forces, Randolph Field, Misc. 27 June 1946
- 28. Preliminary report of the interrogation of certain high staff officers of the Luftwaffe medical services.

 H. G. Armstrong et al

 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 July
 1945
- 29. Report for quarter, 1 July to 30 September 1943 by Adviser in Oto-Rhino-Laryngology.

 R. B. Lumsden
 British War Office, Misc. Report #177 Oct. 1943
- 30. Report of the Commission on Air-borne Infections, April 15, 1946.

 0. H. Robertson
 War Dept., SGO, Army Epidemiological Board 3 Apr. 1946
- 31. Review of the work of a penicillin therapeutic research unit.
 R. V. Christie and L. P. Garrod
 Filed with: Reports, Comm. Penicillin Clinical Trials,
 MRC undated (rec'd NRC-CLR 24 Apr. 1944)
- 32. Statistics of altitude training units.

 Navy Dept., Bur. Med. and Surg., Aviation Med. Div. July 1944
 to date

Otitis

- 33. Study of the effects of vasoconstrictor solutions on altitude chamber aero-otitis media.

 F.W. Ogden
 CAM Report #170, 1 June, 1943
- Study of the incidence of acute otitic barotrauma as a disability among 1000 aircrew cadets during a decompression test.
 E. D. D. Dickson et al
 Report, Comm. Flying Personnel Research FPRC 569, Dec. 1943
- Study of the value of the standard decompression chamber test for otitic and sinus barotrauma.
 W. L. M. Turner
 Report, Comm. Flying Personnel Research FPRC 570, Dec. 1943
- 36. Summary of a report on clinical findings observed in cases of acute otitic barotrauma and their relationship to the changes produced experimentally in cats by alteration of atmospheric pressure.

 J. E. G. McGibbon and A. C. P. Campbell

 FPRC Report #557 Nov., 1943
- 37. Survey of haemolytic streptococcal infections at Camp Borden, 1943.

 Part II clinical features.

 W. R. Feasby

 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943,

 Vol. VI Appendix E and Vol. I
- 38. Survey of the aural health of aircrew candidates for service with the Royal Air Force.

 E. D. D. Dickson and G. H. Bateman

 FPRC Report 7603 Dec. 1944
- 39. Technical manual for low pressure chamber operators.

 C. F. Gell et al

 Navy Dept., Bur. Med. and Surg., Aviation Med. Div. undated

 (rec'd NRC-CIR 5 May 1945)
- 40. Tour in M.E., C.M., and N.A. by the consulting oto-rhino-laryngologist to the Army.
 M. L. Formby
 British War Office, Misc. Report #168 Mar. 1944
- 41. Tubal resistance and aero-otitis media.

 F. W. Ogden

 War Dept., Air Forces, Randolph Field, project 268, report #1
 24 June 1944
- 42. Uses of penicillin in the Royal Air Force.
 Air Ministry, A. M. Pamphlet #186 July 1945

H. Speech

- Articulation testing methods, including word-lists for the testing of communication system.
 S. S. Stevens et al
 NDRC, OSRD report No. 383 1 Feb., 1942
- 2. Articulation testing methods 11.
 J. P. Egan
 NDRC Report, OSRD No. 3802 1 Nov. 1944
- 3. Articulation tests of A-14 and XA-13 oxygen masks at sea level and at 35,000 feet.
 D. A. Ross et al
 NDRC Report 5 June 1944
- 4. Articulation tests on the R.C.A.F. type C2 oxygen mask.

 Goodwin, Smith and Rogers

 Proc. Exec., Assoc. Comm. Aviation Led. Research, NRCC 14 July 1944, Appendix M
- 5. Auditory sensitivity under conditions of anoxia:
 A study of speech intelligibility.
 C. P. Seitz and G. M. Smith
 Filed with: Reports, Comm. Oxygen and Anoxia 29 Jan. 1942
- 6. Development of suitable audiometric equipment for the investigation of aural and allied conditions in the armed forces. Hector Mortimer and Anthony Lawruk
 Proc. Assoc. Comm. Army Med. Research, NRCC - 7-8 Dec. 1945.
 Vol. 5, Appendix F
- 7. Indoctrination for voice communication at altitude.
 H. M. Mason
 NDRC Report, OSRD No. 5307 4 July 1945
- 8. Intelligibility measurement: Twelve-word tests.
 C. H. Hangen
 NDRC Report, OSRD No. 5414 4 Aug. 1945
- 9. Performance of communication equipment in noise. OHMcmr-658.

 J. P. Egan et al

 NDRC Report, OSRD No. 901 1 Oct. 1942
- 10. Phonetic characteristics of words as related to their intelligibility in aircraft-type noise.
 H. M. Mason
 NDRC Report, OSRD No. 4681 10 Feb. 1945
- 11. R.A.A.F. activities of the Acoustic Research Laboratory, 29th August, 1944. (Hearing, acoustics, noise, speech, ear protectors, communication.) Report, Comm. Flying Personnel Research, FPRC, RAAF -FR 99 (b), 29 Aug. 1944

^{*} See Also, No. 18

Speech

- 12. Report on activities of the Acoustic Testing Laboratory, 19
 April 1944.
 Report, Comm. Flying Personnel Research, RAAF FR 83(c),
 undated (rec'd NRC-CMR 13 April 1945)
- 13. Report on training studies in voice communication: I. Can intelligibility of voice communication be increased by training in voice technique? OrMsr-830.
 J. F. Curtis
 NDRC Report, OSRD No. 3862 5 July 1944
- 14. Report on voice loudness: over aircraft radios and microphones.

 C. H. Talley et al

 NDRC Report, OSAD No. 4290 27 Oct. 1944
- 15. Speech intelligibility at high altitude in the cold under conditions which cause ice formation in the mask.

 Allan Hemingway

 War Dept., Air Forces, Randolph Field No. 398(1) 24 Aug. 1945
- Studies of voice factors affecting the intelligibility of voice communication in noise: II. Pitch.
 H. M. Mason
 NDRC Report, OSRD No. 5413 4 Aug. 1945
- 17. Training studies in voice communication: III. Effects of training in articulation.
 H. M. Mason et al
 NDRC Report, OSAD No. 5461 20 August 1945
- *18. Development and evaluation of techniques to measure speech intelligibility of flight personnel.

 Steer, Hadley and Kelly
 Navy Dept., Naval Air Station, Pensacola, Fla. Project X-645(1), 5 Feb. 1946

XXXVI. HEAT STUDIES

- A. Desert
- B. Heat
- C. Humidity
- D. Jungle

A. Desert

- Ladell, Waterlow and Hudson
 Misc. File Britain, undated (rec'd NRC-CMR 14 Oct. 1944)
- 2. Desert flying conditions at Blythe, Calif.
 J. A. Fawcett
 War Dept., Air Corps, Material Div. Exp-m-49-695-9 7/30/42
- 3. Effect of storage at 40° C. on the content of B-complex vitamins in components of the U.S. Army "5 in 1" desert ration.

 H.G. Loeb, A. Keys, et al

 Filed with: Reports, Comm. Med. Nutrition April 12, 1943
- 4. Notes on tropical diseases for Air Forces medical officers. Regional medical studies. General medical bulletins. War Dept., Air Forces Misc. - 21 March 1945
- 5. Nutritional status of enlisted men in the desert training area.

 R. E. Johnson et al

 Harvard Fatigue Lab. Report #87 (#19 to OQMG) 15 October 1943
- 6. Preliminary instructions for procedure when making emergency landings in the desert. (Translation)

 German File 29 June 1942
- 7. Rates of sweat loss in the desert. Interim report #15, OEMcmr-206.
 Aser Rothstein and R. E. Gosselin (Adolph)
 Filed with: Reports, Comm. Clin. Invest. 30 Jan. 1944
- 8. Report of conferences held June 6th and 9th, 1942, at headquarters
 Army Ground Forces in connection with the Desert Training Center
 program.
 War Dept. miscellaneous 6/6/42.
- 9. Report on living and working conditions among R.N. personnel in the tropics.
 Macdonald Critchley and H. E. Holling
 Filed with: Reports, Comm. Royal Naval Personnel Research, MRC 22
 April 1944
- 10. Report on test of adequacy of K-2 ration in the desert.

 W. B. Bean

 Armored Force Med. Research Lab. Oct. 22, 1942
- 11. Survival on land and sea.

 Navy Dept., Misc. 1944
- 12. Water relations of men in the desert. Final report, OEMcmr-206.
 E. F. Adolph
 Report #58 (abstracted), Comm. Clin. Invest. 25 Aug. 1944

B. Heat

- 1. Ability to work in severe heat.
 R. S. Benson et al
 Report, Subcomm. Habitability, RNPRC, MRG RNP 45/205, June 1945
- 2. Annual historical report of Armored Medical Research Laboratory for 1945 (revised 10 Jan. 1946).

 W. B. Bean
 Armored Med. Research Lab. 10 Jan. 1946
- 3. Atmospheric conditions in troop decks of H.M.A.T. "Fatoomba."
 D.H.K. Lee
 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 40,
 22 Oct. 1943
- 4. Atmospheric conditions in Radar room.

 D. H. K. Lee
 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 42,
 13 Nov. 1943
- 5. Calculation of solar radiation intensity and the solar heat load on man at the earth's surface and aloft.
 W. H. Klein
 War Dept., Air Forces, TSEAA-695-64, 20 Feb. 1946
- 6. Calculation of solar radiation intensity and the solar heat on man at the earth's surface and aloft.

 W. H. Klein
 War Dept., Air Forces, TSEAA-695-64, Addendum No. I.,

 17 June 1946
- 7. Cardiovascular adjustments of man in rest and work during exposure to dry heat.
 Taylor, Henschel and Keys
 Filed with: Reports, Comm. Clin. Invest. April 15, 1943
- 8. Charts for the calculation of environmental warmth. Supplement to War Memorandum No. 17.

 Medical Research Council, Misc. 1946
- 9. Clocks, alarm. Performance in environmental extremes.
 War Dept., OQNG, Climatic Research Lab., Report #179 24 April 1945
- 10. Comments on the prevention and treatment of the ill effects of heat.
 R. E. Johnson and W. H. Forbes
 Harvard Fatigue Lab. report #42 27 November 1942
- ll. Comparative study of the effect on men of continuous versus intermittent exposure to a tropical environment.

 Nello Pace
 Naval Med. Research Inst. Project #X-205(2), 9 May 1945

- 12. Composition of sweat, with special reference to the vitamins.

 OEMcmr-220.

 O. Mickelsen and A. Keys
 Filed with: Reports, Comm. Med. Nutrition May 13, 1943
- 13. Conference on adverse effects of heat.

 Report #61, Comm. Clin. Invest. 3 April 1945
- 14. Conference on "Working Efficiency and High Temperatures", 23 October 1945.

 Filed with: Reports, Comm. Clothing undated (Rec'd NRC-CMR
 15 Jan. 1946)
- 15. Conference on working efficiency and high temperatures. Meeting of the Working Committee, 24 Oct. 1945.

 Filed with: Reports, Comm. Clothing undated (rec'd NRC-CMR 15 Jan. 1946)
- 16. Conference with personnel of the Arctic, Desert, and Tropic Information Center, Eglin Field, Florida.

 K. E. Penrod

 War Dept., Air Forces, ENG-49-696-29H, May 17, 1943
- 17. Determination of ambient air temperatures and humidities in tents and Quonset huts painted white or aluminum compared with unpainted tents and Quonset huts.

 B. H. Miller

 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,

 M&S Research Project X-661, 11 Nov. 1945
- 18. Determination of the amount of heat transmitted to the fighting compartment of tanks under field conditions.

 Hatch, Walpole, & Lawson

 Armored Med. Research Lab. 8 March 1944
- 19. Determination of the optimum method for protection of tank crews against chemical warfare agents.
 L. W. Eichna et al
 Armoured Med. Research Lab. 13 Sept. 1944
- 20. Development of the testing techniques and procedures utilized at the Climatic Research Laboratory.

 Morris, Goddard and Silver

 War Dept., OOMG, Climatic Research Lab. 10 May 1946
- 21. Diet and fatigue in hot climates. Progress report #7, OEMcmr-220.
 A. Keys
 Filed with: Reports, Comm. Med. Nutrition, 1 September, 1943
- 22. Dietary protein and physical fitness in temperate and hot environments.
 Pitts, Consolazio, and Johnson
 Harvard Fatigue Lab. Report #91 (#22 to OSRD) 1 December 1943
- 23. Dr. K. Buttner. (Assessment report)
 War Dept., CIOS Consolidated Advance Field Team, Misc. 6 May 1945

- 24. Effect of cool quarters on efficiency and performance of naval personnel working in hot spaces.

 Pace, White, Fisher and Birren
 Naval Med. Research Inst., Project X-205, report #1 22 November, 1943
- 25. Effect of desert conditions on personnel.

 Armored Force Med. Research Lab., Fort Knox Oct. 20, 1942
- 26. Effect of heat and humidity on troops in the Far East.
 British War Office, Misc. Report #247 March 1945
- 27. Effect of high B Vitamin intakes on the ability of man to work in the heat. (A report to the National Research Council).

 Henschel, Taylor, Mickelsen and Keys
 Filed with: Reports, Comm. Clin. Invest. March 11, 1943
- 28. Effect of high environmental temperatures, varied humidities, and moderate muscular work on the losses of water-soluble vitamins and of minerals in the perspiration of adult human subjects. Interim report, OEMcmr-227.

 H. H. Mitchell et al
 Filed with: Reports, Comm. Med. Nutrition, August, 1943
- 29. Effect of insulation of transmission and final drive upon the heat load within tanks.
 R. H. Walpole, Jr. and G. S. Lawson
 Armored Med. Research Lab. 4 Feb. 1944
- 30. Effect of sodium chloride on the work performance of man during exposure to dry heat and experimental heat exhaustion. Interim report, OEMcmr-220.

 A. Keys et al
 Filed with: Reports, Comm. Med. Nutrition 2 August, 1943
- 31. Effect of temperature on anoxic failure in naval personnel in altitude chamber.
 C. S. Houston et al
 Navy Dept., Naval Air Station, Miami, Fla., Project X-396(2)
 8 Aug. 1944
- 32. Effect of temperature on the Waugh and Ruddick test for increased coagulability of blood.

 T. R. Waugh and J. H. Whittaker

 Proc. Assoc. Comm. Army Med. Research, NRCC 10-11 Nov. 1944, Vol. 5, Appendix I.
- 33. Effect of tropical service upon the body-weight of soldiers.
 R. K. Macpherson and P. B. McGovern
 Report, Comm. Army Physiological Research, NHMRC 28 Aug. 1945
- 34. Effects of air movement and air permeability of clothing on working men. Interim report #20, OEMcmr-351.

 Robinson, Gerking and Turrell

 Filed with: Reports, Comm. Clin. Invest. 13 Jan. 1945

- 35. Effects of army clothing on the heat tolerance of working men.
 Interim report #25, OEMcmr-351.
 Sid Robinson and S. D. Gerking
 CAM Report #433 5 May 1945
- 36. Effects of chemical warfare service clothing in hot environments.
 Interim report #22, OEMcmr-351.
 Sid Robinson and S. D. Gerking
 Filed with: Reports, Comm. Clin, Invest. 15 Feb. 1945
- 37. Effects of heat and high humidity on pursuitmeter scores.

 N. H. Mackworth
 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/199, May 1945
- 38. Effects of heat on skin and body temperature under low altitude flying conditions.
 C. A. Johnson
 War Dept., Air Forces, ENG-49-698-16, 24 July, 1943
- 39. Effects of hot environments on men. Interim report #12, OEMcmr-351.
 Robinson, Turrell and Gerking
 Filed with: Reports, Comm. Clothing 14 May 1944
- 40. Effects of variation in environmental radiation upon the thermal exchange of working men. Interim report no. 29, OEMcmr-351. Sid Robinson and S. D. Gerking
 Filed with: Reports, Comm. Clin. Invest. 30 Nov. 1945
- 41. Energy output of guns' crews.

 J. A. B. Gray
 Report, Subcomm. Gunnery, RNPRC, MRC RNP 45/175, Feb. 1945
- 42. Energy output of 16" Mk. III magazine crews.

 J. A. B. Gray et al

 Report, Subcomm. Gunnery, RNPRC, MRC RNP 45/189, undated

 (rec'd NRC-CMR 23 Oct. 1945)
- 43. Environmental warmth and its measurement. War Memorandum No. 17.
 T. Bedford
 Medical Research Council, Misc. 1946
- 44. Evaporation and loss of heat from respiratory tract at high altitudes.
 A. C. Burton
 Misc. Canadian Aviation Report #32 24 Oct., 1940
- 45. Factors influencing chloride concentration in human sweat.

 Johnson, Pitts and Consolazio

 Harvard Fatigue Lab. Report #98(#25 to CMR) 25 Jan., 1944
- 46. Final report on determination of water and salt requirements for desert operations.

 Nelson, Eichna, and Bean
 Armored Force Med. Research Lab. May 20, 1943

- 47. Final report on test of individual crew conditioning system.
 W. F. Ashe and W. B. Bean
 Armored Force Med. Research Lab. April 27, 1943
- 48. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part I. The thermal environment.

 F. P. Ellis

 Report, Subcomm. Habitability, RNPRC, TMRC RNP 45/202(a),

 July 1945
- 49. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part I. The thermal environment. (Tables)

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(b),

 July 1945
- 50. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part I. The thermal environment. (Tables)

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202 (c),

 July 1945
- 51. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part II. Physiological observations on Naval personnel.

 F. P. Ellis

 Report, Subcomm. Habitability, RNPRC, MRC RNF 45/202(d),
 July 1945
- 52. First report of the "abitability Mission to the Eastern Fleet 1944. Part III. The health of the Eastern Fleet. F. P. Ellis
 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(f), July 1945
- 53. First report of the Habitability Mission to the Eastern Fleet 1944. Part III. The health of the Eastern Fleet. (Tables). Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(g), July 1945
- 54. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part V. Problems of warship habitability in tropic waters.

 F. P. Ellis

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(i),

 July 1945
- 55. First report of the Habitability Mission to the Eastern Fleet 1944. Appendices.

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(j), undated (rec'd NRC-CMR 23 Oct. 1945)
- 56. Flame throwers. Studies of their effects and of defensive measures.
 2nd interim report.
 Bourdillon, Lidwell and Lovelock
 Report, MPRC BPC 43/178, February 4, 1943

- 57. Gastric emptying time of man at high and normal environmental temperatures. OEMcmr-220.

 Henschel, Taylor and Keys
 Report #5 (abstracted), Comm. Med. Nutrition 16 Nov. 1943
- 58. Guide to the preservation of life at sea after shipwreck. Comm. Shipwrecked Personnel, M.R.C. War Memo #8, 1942
- 59. Heat exchange by way of the respiratory tract: I. Theoretical considerations. II. Relative efficacy for conserving heat loss of the (1) Salathiel Breath Heat Exchanger, (2) A-14 rubber mask, (3) wool scarf.

 Spealman, Pace and White
 Naval Med. Research Inst., Project X-163, 25 April 1944
- 60. Heat exchanges in high altitude conditions. The effect of lowered atmospheric pressure on heat loss.

 A. C. Burton

 Misc. Canadian Report #114 undated (rec'd NRC-CMR, 5 Mar. 1945)
- 61. Heat problem in tanks.

 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 44, undated (rec'd NRC-CMR 31 July 1944)
- 62. Heat stress imposed by gas masks. Interim report #26, OEMcmr-351.

 Sid Robinson and S. D. Gerking

 Filed with: Reports, Comm. Clin. Invest. 8 May 1945
- 63. Human factors in aircraft design.
 A. P. Gagge
 War Dept., Air Forces, TSELA-3-695-53, 29 May 1945
- 64. Human tolerance for short exposures to heat and humidity.

 C. I. Taylor

 War Dept., Air Forces, TSEAA-695-56B, 12 Feb. 1946
- 65. Improvement of ability of soldier to work in humid heat. Status report, OEMcmr-232.

 J. W. Conn and M. W. Johnston
 Filed with: Reports, Comm. Clin. Invest. Nov. 1945
- 66. Influence of speed of walking and of weight carried on the skin temperature of the feet in hot environments.

 S. M. Horvath et al
 Harvard Fatigue Lab. Report #19 (O.S.R.D. Report #4)
 21 May 1942
- 67. Interim report on clothing tests 23 Sept. 1942.

 Report, AFV Comm., Australia AFV #8, September 23, 1942

- 68. Investigation of mildew in mattresses when encased in bedding bags and exposed to tropical weather conditions remedial measures.
 T. L. Duggan and C. R. Spealman
 Naval Med. Research Inst., project X221, report #1 2 Mar. 1944
- 69. Investigations on effects of heat.

 British War Office, D.B.R. paper No. 5, March 18, 1943 Misc.

 Report #52
- 70. Loss of chloride in sweat.

 D. H. K. Lee
 Report, AFV Comm., Australia AFV #7, September 23, 1942
- 71. Memorandum on cutaneous diseases, 1942 British War Office, Misc. Report #92 - 19 August, 1942
- 72. Methods of protection against the adverse physiological effects of heat. Final report, OEMcmr-365.
 L. V. Heilbrunn
 Filed with: Reports, Comm. Clinical Invest. 27 Dec. 1945
- 73. New salt tablet for use in hot environments.

 Consolazio, Pecora and Pfeiffer

 Naval Med. Research Inst. Project X-214, 13 Oct. 1944
- 74. No. 1 Human climatology (provisional). Special Reports Upon Overseas Visits 1945-6. D. H. K. Lee Report, Comm. Army Physiological Research, NHMRC - 31 Jan. 1946
- 75. Note dealing with the effect of certain simulated tropical conditions on the activity of two mosquito repellents.

 L. A. Jachowski, Jr. and M. Pijoan
 Report #118, Comm. Insect Control 1 Aug. 1945
- 76. Notes on clothing for hot and cold climates.
 Filed with: Reports, Comm. Clothing, MFRC
- 77. Notes on desert and sub-arctic climates.
 Filed with: MPRC reports BPC 37, June 23, 1941
- 78. Notes on tropical and exotic diseases of naval importance.
 Naval Medical School 1943
- 79. Nutritional standards for men in tropical climates.
 R. E. Johnson
 Harvard Fatigue Lab. Report #70 (#17 to OSRD) 1 June 1943
- 80. Observations on "climatic" conditions in A.F.V.'s. Interim report G. Reid
 Report, Comm. AFV, Australia AFV 12, November 18, 1942

- 81. Open report No. 1 Physiological considerations in the development of tropical centers.

 D. H. K. Lee
 Report, Comm. Army Physiological Research, NHMRC 10 Mar. 1945
- 82. Open report no. 5 Variations in human reactions to hot atmospheres as functions of temperature and humidity Preliminary report.

 R. K. Macpherson and D. H. K. Lee

 Report, Comm. Flying Personnel Research, RAAF FR 133, 7 Feb. 1946
- 83. Organization and functions of the climatic (physiological) research unit.

 H. R. Willer
 War Dept., Signal Corps, Climate Research Unit, Eng. Memo.

 #1CR, 9 September, 1943
- 84. Physiological adaptation of man to heat. Final report, OEMcmr-328.

 A. V. Bock
 Filed with: Reports, Comm. Clin. Invest. undated (rec'd NRC-CMR 19 Nov. 1945)
- 85. Physiological considerations in the development of tropical centres:
 Open report No. 1.
 D. H. K. Lee
 Report, Comm. Flying Personnel Research, RAAF FR 114,
 10 March 1945
- 86. Physiological effects of clothing in hot atmospheres.

 Douglas H. K. Lee

 Report, Comm. AFV, Australia AFV 11, November 10, 1942
- 87. Physiological effects of the environment and of clothing on men in hot climates. Final report, OEMcmr-351.

 Robinson, Turrell and Gerking
 Report #48 (abstracted), Comm. Clin. Invest. 31 May 1944
- 88. Physiologically equivalent conditions of air temperature and humidity. Interim report No. 12 (revised), OEMcmr-351.

 Robinson, Turrell and Gerking (Sid Robinson)

 Filed with: Reports, Comm. Clin. Invest. 2 Nov. 1944
- 89. Physiological observations made on men aboard ship during a shakedown cruise in tropical waters.

 Pace, Consolazio and Behnke
 Naval Med. Research Inst. Project X-205(3), 13 Aug. 1945
- 90. Physiological requirements of sealed high altitude aircraft compartments.

 H. G. Armstrong
 War Dept., Air Forces, Wright Field, Misc. 19 Dec. 1935
- 91. Physiological studies of exposure suits in hot and cold environments. OEMcmr-54 and 328.

 Griffin, Folk and Belding
 Harvard Fatigue Lab. Report #105 (#26 to OSRD) 9 March 1944

- 92. Plan for investigation of the effects of hot environments upon the working efficiency and health of naval personnel.

 Report, Subcomm. Habitability, RNPRC, MRC RNP 44/120 undated (rec'd NRC-CMR 22 Dec. 1944)
- 93. Protection against heat and cold.
 War Dept., Air Forces, TSELA-3-697-11, 28 Feb. 1945, Appendix F
- 94. Protection of the eyes from light and heat.

 British Admiralty, Admiralty Research Lab. ARL/R.1/83.04/0,
 4 Jan. 1944
- 95. Rapid acclimatization to work in hot climates. OEMcmr-54.

 S. Robinson et al
 Harvard Fatigue Lab. Remort #17. (OSRD Report #2) 20 May 1942.
- 96. Recommendations for men expected to work in the desert, the tropics and on life rafts.

 War Dept., Misc. undated (rec'd NRC-CMR 17 Sept. 1945)
- 97. Relation of environment to nutritional requirements. A survey of the literature.
 G. J. Cox
 Filed with: Reports, Comm. Med. Nutrition (rec'd NRC 29 March, 1943)
- 98. Relation of temperature and exercise to bubble formation in rats, and in tourniquetted legs of rabbits and goats (Resume). OEMcmr-193.

 E. A. Reed and L. R. Blinks
 CAM Report #379 15 Oct. 1944
- 99. Relations of diet and subsistence to the performance of work by men at high temperatures, especially in military operations. Final report, OEMcmr-220.

 A. Keys
 Filed with: Reports, Comm. Med. Nutrition, 7 September, 1943
- 100. Report on inspection of tropical radar stations.
 Giovanelli, Fraser and Mathieson
 Misc. File Britain, 14 Nov. 1944
- 101. Report on inspection of tropical radar stations.

 R. G. Giovanelli et al.

 Report, Comm. Flying Personnel Research, RAAF FR 101F, undated (rec'd NRC-CMR 28 April 1945)
- 102. Report on living and working conditions among R.N. personnel in the tropics.

 Macdonald Critchley and H. E. Holling
 Filed with: Reports, Comm. Royal Naval Personnel Research, MRC 22 April 1944
- 103. Report on studies of men in simulated desert heat.
 W. B. Bean et al
 Armored Force Med. Research Lab. April 3, 1943

- 104. Report on temperature measurements in an experimental flight in a Strangaer at test and development station, R.C.A.F., Rockcliffee, Ottawa, on May 16, 1941.

 H. C. Bazett
 Misc. Canadian Report #111 undated (rec'd NRC-CMR, 3 Mar. 1945)
- 105. Responses of man to a hot environment.

 F. R. Wulsin
 War Dept., OQMG 1 Aug. 1943
- 106. Responses of the human being to dry and humid heat.
 L. H. Newburgh
 CAM report #109 January, 1943
- 107. Second fitness conference. April 13, 1943 Clin. Invest. Report #15 - 13 April 1943
- 108. Secret report No. 2 Effect of respirator (anti-gas) upon gun sighting performance. Fatigue Laboratory, National Health and Medical Research Council.

 D. H. K. Lee, C. White and G. Klemm
 Report, Comm. Flying Personnel Research, RAAF FR 103, 29 Dec. 1944
- 109. Secret report No. 3. Psycho-motor efficiency (as measured by time for accurate gun-laying) under hot conditions.

 Lee, Klemm and White
 Report, Comm. Flying Personnel Research, RAAF FR 109, 18 Jan. 1945
- 110. Secret Report No. 4 The effect of tropical service upon some physical characters of RAAF ground crew. (Second report of field investigation into the incidence of tropical fatigue).

 R. K. MacPherson and D. H. K. Lee
 Report, Comm. Flying Personnel Research, RAAF FR 117, undated (rec'd NRC-CMR 3 Oct. 1945)
- 111. Secret Report No. 5 The effect of tropical service upon some physical characters of RNZAF ground crew. (Third report of field investigation into the incidence of tropical fatigue).
 R. K. MacPherson and D. H. K. Lee
 Report, Comm. Flying Personnel Research, RAAF FR 118, 21 June 1945
- 112. Secret report no. 6 Surface brightness in the humid tropics.
 R. K. Macpherson
 Report, Comm. Flying Personnel Research, RAAF FR 119,
 20 July 1945
- 113. Secret report no. 7 Temperature of stationary aircraft in the tropics.

 R. K. Macpherson
 Report, Comm. Flying Personnel Research, RAAF FR 120, 6 July 1945

- Secret report no. 8 The effect of tropical service upon the body-weight of soldiers.
 R. K. Macpherson and P. B. McGovern
 Report, Comm. Flying Personnel Research, RAAF FR 122, 28 Aug. 1945
- 115. Secret report no. 9 Some aspects of the incidence of skin disease
 in R.A.A.F. ground crew.
 R. K. Macpherson
 Report, Comm. Flying Personnel Research, RAAF FR 121, 25 July 1945
- 116. Selection of men for physical work in hot weather.
 R. E. Johnson and S. Robinson
 Harvard Fatigue Lab. Report #57 (OSRD#16)
- 117. Some medical problems of the armored force and the need of facilities for investigation and research.

 W. P. Yant
 Filed with: Reports, Comm. Industrial Hygiene 24 Oct. 1941
- 118. Some physical aspects of photo-retinitis in anti-aircraft lookouts.
 G. H. Briggs
 Australian Scientific Research Liaison, Feb. 1943
- 119. Stability of drugs and supplies at various temperatures.
 R. G. Prentiss, Jr.
 War Dept., SGO, 4 August, 1943
- 120. Stability of thiamin and riboflavin in meat components of U.S. Army field ration K during storage at 104° F, OEMcmr-27.

 H.G. Loeb and A. Keys
 Filed with: Reports, Comm. Med. Nutrition undated. (Rec'd NRC 24 July, 1943)
- 121. Standard values for the thermal insulation of ambient air with different degrees of air movement.
 A. C. Burton
 Misc. Canadian Report #113, 16 Nov. 1944
- 122. Studies of men in simulated jungle (humid) heat.
 Eichna, Bean and Ashe
 Armored Med. Research Lab. 18 October 1943
- 123. Studies of the physiological effects of solar radiation. Interim report #11, OEMcmr-351.

 E. S. Turrell and Sid Robinson
 Filed with: Reports, Comm. Clothing 14 May 1944
- 124. Study of temperature changes occurring in the shock state and the effect of heat and cold upon shock in animals.

 S. L. Warren
 Filed with: Reports, Comm. Shock, May 9, 1942
- 125. Study of the effects of taking glucose during long substained work
 in the heat.
 G. C. Pitts et al
 Harvard Fatigue Lab. Report #44 (OSRD Report #14)

- 126. Summary of report upon "Effect upon A.F.V. personnel of operations in M3 medium in the humid tropics."

 D. H. K. Lee
 Report, Comm. Armoured Vehicles, Australia AFV 24, undated
- 127. Surface temperature measurements.

 A. R. Challoner and Ezer Griffiths
 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/210, June 1945
- 128. Tables of representative values of foods commonly used in tropical countries. (Special Report Series No. 253)

 B. S. Platt

 Medical Research Council, Misc. 1945
- 129. Tank personnel comfort. Progress report.
 W. E. Bassett
 Report, AFV Comm., Australia AFV #6 and 6a, October 15, 1942
- 130. TB Med 175 (Heat stroke treatment).

 J. T. Larking
 War Dept., Army Service Forces 20 July 1945
- 131. Temperature and humidity in H.M.S. Pioneer from the R.N.P.R.C. Fleet Unit.

 J. A. B. Gray
 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/227, Sept. 1945
- 132. Temperature of skin subcutaneous tissue and muscle in limbs exposed to heat.

 H. R. Miller
 War Dept., Signal Corps, Climatic Research Unit, Eng. Memo #24CR 8 Dec. 1944
- 133. Temperature recordings in tanks.
 A. L. Chute
 British War Office September 8, 1942; Misc. Report #18
- 134. Temperatures in tanks: estimates of probable thermal conditions in tanks in hot and humid climates.
 T. Bedford
 Report, Comm. Armoured Vehicles, MPRC-BPC 42/166
- 135. Test for salt depletion.

 British War Office, Army Med. Dept. Bull. #23 May 1943, p. 8
- 136. Test of heat load imposed by clothing treated to repel insects and arachnids. Final report on.
 S. M. Horvath and W. B. Shelley
 Armored Med. Research Lab. 27 Sept. 1945
- 137. Test of physiological heat load of flameproofed clothing. Fourth partial report.

 S. M. Horvath and W. B. Shelley
 Armored Med. Research Lab. 28 Sept. 1945

- 138. Tests of the "ability to take it".

 J. W. Dunlap et al

 Div. Anthropology and Psychology, NRC February, 1943
- 139. Thermal exchange of man by evaporation, convection, and radiation as functions of temperature, water vapor pressure, and wind velocity.

 N. A. Nelson et al

 Armored Med. Research Lab. 21 Feb. 1946
- 140. Thermal requirements for aircraft cabins.
 C. L. Taylor
 War Dept., Air Forces, TSELA-3-695-56, 31 Aug. 1945
- 141. Thermal transmission of fabrics. Review of pertinent literature.

 W. L. Goddard and Marvin Van Dilla
 War Dept., OQMG, Climatic Research Lab., Report #45-89-A,
 22 Jan. 1946
- 142. Thermocouple for recording skin temperature.

 H. R. Miller
 War Dept., Signal Corps, Climatic Research Unit, Eng. Memo #2CR 9 August, 1943
- 143. Trial tank air conditioning equipment. Hot room tests.

 D. H. K. Lee
 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 39,
 17 Oct. 1943
- 144. Tropical and exotic diseases of naval importance.
 Naval Medical School Feb. 1945
- 145. Tropical climates and the soldier.
 D. H. K. Lee
 Report, Comm. Army Physiological Research, NHMRC 14 June 1944
- 146. Ventilated protective clothes for tank crews.

 Report, Comm. Clothing, MPRC-BPC 42/84, July 11, 1942
- 147. Vitamin C and ability to work in hot climates. OEMcmr-220.
 A. Henschel, A. Keys et al
 Filed with: Reports, Comm. Med. Nutrition May 15, 1943

C. Humidity

- Analysis of the physiological effects of clothing in hot environments.
 A. C. Burton
 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March
 1945, Appendix T
- 2. "Arcticization" of H. M. ships.

 T. Bedford and C. G. Warner

 Report, Royal Naval Personnel Research Comm., MRC RNP 43/9, 4 Mar.

 1943
- 3. Atmospheric conditions in Radar room.

 D. H. K. Lee

 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 42, 13 Nov.
 1943
- 4. Comparative study of the effect on men of continuous versus intermittent exposure to a tropical environment.

 Nello Pace
 Naval Med. Research Inst. Project #X-205(2), 9 May 1945
- 5. Comparison of summer flying suits on men working in humid heat. Interim report no. 15, OFMcmr-351.
 S. D. Gerking and Sid Robinson
 Filed with: Reports, Comm. Clin. Invest. 9 Oct. 1944
- 6. Condensation and ventilation in M.T.B.s,
 M.G.B.s. and M.L.s.
 T. Bedford and C. G. Warner
 Report, Royal Naval Personnel Research Comm., MRC RNP 43/34,
 29 April 1944
- 7. Effect of heat and humidity on troops in the Far East.
 British War Office, Misc. Report #247 March 1945
- 8. Effect of high environmental temperatures, varied humidities, and moderate muscular work on the losses of water-soluble vitamins and of minerals in the perspiration of adult human subjects. Interim report, OHMcmr-227.

 H. H. Mitchell et al Filed with: Reports, Comm. Med. Nutrition, August, 1943
- 9. Effect of tropical service upon the body-weight of soldiers.
 R. K. Macpherson and P. B. McGovern
 Report, Comm. Army Physiological Research, NHMRC 28 Aug. 1945
- 10. Effects of air movement and air permeability of clothing on working men.

 Interim report #20, OEMcmr-351.

 Robinson, Gerking and Turrell

 CAM Report #415 13 Jan. 1945
- 11. Effects of heat and high humidity on pursuitmeter scores.

 N. H. Mackworth

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/199,

 May 1945

Humidity

- 12. Effects of high air humidity and mould growth on pack-boards of plywood.

 Illman, Walker, and Ledingham.

 Proc. Assoc. Comm. Army Med. Research, NRCC 10-11 Nov. 1944,

 Vol. 5, Appendix F.
- 13. Effects of hot environments on men. Interim report #12, OFMcmr-351.

 Robinson, Turrell, and Gerking

 Report #49, Comm. Clin. Invest. 14 May 1944
- 14. Environmental warmth and its measurement. War Memorandum No. 17.
 T. Bedford
 Medical Research Council, Misc. 1346
- 15. First report of the Habitability Mission to the Eastern Fleet 1944. Appendices.

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(j), undated (rec'd NRC-CMR 23 Oct. 1945)
- 16. Fungus test and its application to AAF equipment.

 J. T. Bonner

 War Dept., Air Forces, TSEAL 3-696-70D, 30 April 1945
- 17. Heat stress imposed by gas masks. Interim report #26, OEMcmr-351. Sid Robinson and S. D. Gerking Report #64 (abstracted), Comm. Clin. Invest. 8 May 1945
- 18. Human tolerance for short exposures to heat and humidity.

 C. L. Taylor

 War Dept., Air Forces, TSEAA-695-56B, 12 Feb. 1946
- 19. Investigations on particular individual variation of the altitude cramp threshold. II The influence of atmospheric humidity on the altitude resistance of the white mouse. (Luftfahrtmedizin, vol. 7, #2/3, February, 1942).

 H.W. Denzer
 German File
- 20. Long-term study of acclimatization of man to the tropics.

 Sid Robinson

 Bull. Clothing pp. 147-153; 144

 Filed with: Reports, Comm. Clin. Invest. 10 May 1945
- 21. Measurement of relative humidity by means of a thermbolectric psychrometer and a dew-point recorder.

 Van Dilla, Malakos and Fitzgerald

 War Dept., OQMG, Climatic Research Lab., Report #186-C 20 Dec. 1945
- 22. Medical report of A.F.V. crews in action at Buna (New Guinea) During
 Dec. 1942 Jan. 1943. Tank fatigue.

 J. McKenzie
 Report, Comm. Armoured Vehicles, NHMRC, Australia AFV 32, undated
 (rec'd NRC-CMR 4 Jan. 1944)

Humidity

- 23. Micro-recorder for measuring skin temperature and sweating in airplane pilots.

 W. R. Miles
 Civil Aeronautics Adm. December, 1943
- 24. Mould growth on medical stores packed in pannier field medical.

 Illman, Walker and Ledingham

 Proc. Assoc. Comm. Army Med. Research, NRCC 10-11 Nov. 1944,
 Appendix III
- 25. Open report no. 5 Variations in human reactions to hot atmospheres as functions of temperature and humidity Preliminary report.

 R. K. Macpherson and D. H. K. Lee

 Report, Comm. Flying Personnel Research, RAAF FR 133, 7 Feb. 1946
- 26. Physiclogical effects of clothing in hot atmospheres.

 Douglas H. K. Lee

 Repart, Comm. AFV, Australia AFV 11, November 10, 1942
- 27. Physiological effects of ventilated suits in a Sherman tank in hot humid conditions.

 J. A. B. Gray and B. McArdle

 Report, Comm. Armoured Vehicles, MPRC, MRC HPC 44/384, Oct. 1944
- 28. Physiological effects of wearing air-conditioned and other types of clothing in a tank in hot and humid conditions.

 J. C. D. Hutchinson and B. McArdle

 Report, Comm. Armoured Vehicles, MPRC-EPC 43/189, March 9, 1943, and addendum, Dec. 4, 1943
- 29. Physiological effects of wearing air-conditioned and other types of clothing in hot and humid conditions.

 Hutchinson, McArdle, and Waterlow
 Report, Comm. Armoured Vehicles, MPRC-BPC 43/188, undated
- 30. Physiologically equivalent conditions of air temperature and humidity.

 Interim report No. 12 (revised), OEMcmr-351.

 Robinson, Turrell, and Gerking (Sid Robinson)

 Filed with: Reports, Comm. Clin. Invest. 2 Nov. 1944
- 31. Physiological requirements of sealed high altitude aircraft compartments.

 H. G. Armstrong

 War Dept., Air Forces, Wright Field, Misc. 19 Dec. 1945
- 32. Protection against heat and cold.

 War Dept., Air Forces, TSELA-3-697-11, 28 Feb. 1945, Appendix F
- 33. Relationship of certain factors to the incidence of decompression sickness.

 J. W. Thompson et al

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 26 April, 1945,
 Appendix B

Humidity

- 34. Report on living and working conditions among R.N. personnel in the tropics.

 Macdonald Critchley and H. E. Holling
 Filed with: Reports, Comm. Royal Naval Personnel Research, MRC 22
 April 1944
- 35. Service in hot climates. A pamphlet for officers. Acclimatization, effects of heat, how to avoid heatstroke, man management, heatstroke centres, clothing, notes for medical officers.

 British War Office, Misc, Report #100 July, 1943
- 36. Summary of report upon "Effect upon A.F.V.personnel of operations in M3 medium in the humid tropics."

 D. H. K. Lee
 Report, Comm. Armoured Vehicles, Australia AFV 24, undated
- 37. Summary of results thus far obtained. Interim report No. 7, OEMcmr-351. Sid Robinson
 Filed with: Reports, Comm. Clin. Invest. 15 March 1944
- 38. Survey of the incidence of decompression sickness with reference to some constitutional and environmental variants.

 H. G. Swann and T. B. Rosenthal

 War Dept., Air Forces, Misc. undated (rec'd NRC-CMR 23 Aug. 1944)
- 39. Temperature and humidity in H.M.S. Pioneer from the R.N.P,R.C. Fleet Unit.

 J.A.B. Gray
 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/227, Sept. 1945
- 40. Temperatures in tanks: estimates of probable thermal conditions in tanks in hot and humid climates.

 T. Bedford
 Report. Comm. Armoured Vehicles. MPRC-RPC 42/166
- 41. Thermal requirements for aircraft cabins.

 C. L. Taylor

 War Dept., Air Forces, TSELA-3-695-56, 31 Aug. 1945
- 42. Tropicalization of medical stores.

 W. I. Illman and G. A. Ledingham

 Proc. Assoc. Comm. Army Med. Research, NRCC 10-11 Nov. 1944, Vol.

 5, Appendix E
- 43. Upper limits of environmental heat and humidity tolerated by acclimatized, normal young men working in hot environments. Second partial report.

 L. W. Eichna et al

Armored Med. Research Lab. - 2 Oct. 1944 Bull. Armored Vehicles - pp. 12-13

44. Ventilation rate of sealed aircraft cabins.

M. Tribus
War Dept., Air Forces, ENG-54-664-143S, 12 June 1944

D. Jungle

- Absorption of water and drying of fabrics in relation to jungle clothing.
 Lyman Fourt et al.
 Dept. Commerce, National Bureau of Standards 28 Feb. 1944.
- 2. Action minutes of 1st meeting on jungle clothing (dated 5-8-43).
 W. H. McLean.
 War Dept., OQMG 5 August, 1943.
- 3. Anopheline control in the SWPA.

 I. M. Mackerras.

 Ministry Production, Insecticide Develop. Panel IDP(44)

 204. 2 Nov., 1944.
- 4. Australian jungle developments. (Report on tests of latest Australian jungle boots).

 Australian file August, 1943.
- 5. Australian jungle equipment: packboards, jungle carts, mess tins, studded boots, tropical hats.

 Australian file undated.
- 6. Australian soldiers' complete jungle kit. Appx "A" L.H.Q. Australian Jungle Warfare Letter No. 1, Part 2.
 Australian file 25 Aug. 1943.
- 7. Clothing, jungle, field tests. Everglades, Florida.
 R. M. Ferry and R. L. Woodbury
 War Dept., OQMG, 15 September, 1943.
- 8. Committee on Jungle Clothing. Meeting held 18 October, 1943 Research and Development Branch, Military Planning Division,
 OQMG.
 War Dept., OQMG, Comm. Jungle Clothing 18 Oct. 1943.
- 9. Committee on Jungle Clothing. Minutes of meeting held 5 November, 1943, Research and Development Branch, Military Planning Division, OQMG.

 War Dept., OQMG, Comm. Jungle Clothing.
- 10. Committee on Jungle Clothing. Minutes of meeting held 12 October 1942, Research and Development Branch, Military Planning Division, OQMG.

 War Dept., OQMG, Comm. Jungle Clothing.
- 11. Comparative study of the effect on men of continuous versus intermittent exposure to a tropical environment.
 Nello Pace.
 Naval Med. Research Inst. Project No. X-205(2), 9 May 1945.

13 T

- 12. Comparison of growth of mildew on flying clothing materials in Panama, in a humidity cabinet (100 per cent RH, 30°C. (86°F.)), on mineral salts agar, and on pure sand with distilled water.

 J. T. Bonner.

 War Dept., Air Forces, TSEAL 3-696-70D, 30 April 1945, Appendix I.
- D. D. T. report no. 7. Air spray trials, Tamu Area, October 1944.
 Third introductory report. Trials of malaria control in South
 East Asia.
 J. D. Lambert.
 South East Asia Report No. 7 22 Nov. 1944.
- Design of a tent and mosquito net combination unit of light weight for use of jungle combat troops.
 W. N. New et al.
 Med. Field Research Lab., Camp Lejeune, N. C. Project X-289, 12 May, 1944.
- 15. Effect of heat and humidity on troops in the Far East.
 British War Office. Misc. Report No. 247 March 1945.
- 16. Employment, development, and production of equipment for war against Japan. Part 8 Clothing and miscellaneous equipment: jungle uniform, footwear, headwear, mess and other equipment.

 Australian file undated.
- 17. Employment, development, and production of equipment for war against Japan. Part 7 Medical: casualty evacuation; prevention of malaria; storage of equipment; items in particular demand; dropping of supplies from aircraft.

 Australian file undated (rec'd NRC-CMR 15 Dec. 1943).
- 18. Employment, development and production of equipment for war against Japan. Part 9 General: dropping of supplies by parachute, special ration, tentage, water transport (small craft), etc.

 Australian file undated.
- 19. Equipment for war against Japan. Excerpt from minutes of 14th meeting ACIGS War Office with Dominion representatives.

 Filed with: British War Office, Misc. Report No. 78 Extract 83 of III-I-1160, 27 August, 1943.
- 20. Extracts from Jungle Warfare Liaison Letter No. 4. Conditions in S. W. Pacific. Food preparation; water; headwear; camouflage; operational rations.

 H. G. Edgar

 Australian File Nov. 1943.
- 21. Extracts from the latest Australian Jungle Liaison Letters. Footwear, equipment, rations.

 Australian File 16 October, 1942.

Jungle

- 22. Fatigue in jungle operations.

 D. H. K. Lee
 Report, Comm. Army Physiological Research, NHMRC Australia undated (rec'd NRC-CLR, 4 July 1944).
- 23. Fungus test and its application to AAF equipment.

 J. T. Bonner

 War Dept., Air Forces, TSMAL 3-696-70D, 30 April 1945.
- 24. General medical report from India-Burma Theatre. (Jungle clothing, equipment, casualty evacuation, tropical diseases, etc.)

 Australian File General, undated (rec'd NRC-CMR 24 Mar. 1944).
- 25. Hygiene of the skin and the prevention and first aid treatment of fungus skin infection.
 H. L. Whitten, HQ-Mobile Force.
 Filed with: War Dept., SGO 21 January, 1943.
- 26. Investigation of the effects of activity and environment on atabrine therapy. Final report.
 N. A. Nelson et al.
 Armored Med. Research Lab., project No. 18 23 Dec., 1943.
- 27. Jap medical problems in the South and Southwest Pacific.
 "Know your enemy".
 Pacific Report No. 1 25 Dec. 1944.
- 28. Jungle book. Military Training Pamphlet No. 9 (India).
 Indian Report No. 19 Sept. 1943.
- 29. Jungle clothing. Minutes of the 3rd meeting on jungle clothing on 9-9-47.
 War Dept., OQNG, Comm. Jungle Clothing.
- 30. Jungle hiker.
 Indian Report No. 18 1944.
- 31. Jungle malaria control for small isolated units.

 HQ Mobile Force.

 Filed with: War Dept., SGO 4 July, 1943.
- 32. Jungle omnibus. Army in India Training Memorandum. Indian Report No. 20 January, 1945.
- 37. Medical curriculum for combat crews. No. 3 AAF redistribution station interview.

 War Dept., Air Forces, Misc. 20 Feb. 1945.
- 34. Medical information on Papua, New Guinea, Bismarck Archipelago, Solomons.

 Filed with: War Dept., SGO undated.

- 35. Medical services in the South Pacific area.J. M. Twhigg.New Zealand File 16 Oct. 1943.
- 76. Medicine in jungle warfare.
 N. H. Fairley.
 Australian Army Report No. 45 26 Feb. 1945.
- 37. Minutes of meeting of Medical Dept., A. U. S., Technical Subcomm., Aug. 4, 1942, on components of individual jungle medical kit. Surg. Gen. Off., War Dept. August 4, 1942.
- 28. Minutes of the meeting of the Medical Committee on Jungle Warfare Requirements on January 21st, 1944.
 British War Office, Misc. Report No. 145 - 1 Feb. 1944.
- 39. New jungle kit.

 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. 111, No. 4 Apr. 1946, pp. 18-19.
- 40. "Notes for air crew down in the jungle."

 Navy Dept., Coast Guard, Air Sea Rescue Bull. No. 7 Jan. 1945, pp. 13-14.
- 41. Notes of an informal meeting held in the Conference Room, 39 Hyde Park Gate, on Wednesday, June 7th, 1944, to discuss water purification methods for jungle warfare.

 British war Office, Misc. Report No. 182 7 June, 1944.
- 42. Notes on protection from leeches in tropical jungle.
 V. B. Wigglesworth.
 Report, Comm. Entomology, M.P.R.C. B. P. C. 194.
- 43. Notes on tropical diseases for Air Forces medical officers. Regional medical studies. General medical bulletins.
 War Dept., Air Forces Misc. 21 March 1945.
- 44. Nutritional composition by direct analysis of U. S. Army jungle ration received March 4, 1943.
 Ancel Keys.
 Filed with: Reports, Comm. Med. Nutrition April 10, 1943.
- 45. Partial report on 1) test of the adequacy and ranges of use of clothing for jungle operations, 2) effects of impregnated and impervious clothing upon the efficiency of personnel.

 Bean, Ashe, and Eichna.

 Armored Med. Research Lab. 24 November, 1945.
- 46. Penetration of air sprays through tropical vegetation.
 (Porton Report No. 2669).
 Phillips, Toms and Siddorn.
 Ministry Supply, Comm. Insecticide Application Z 15468,
 15 Jan. 1945, Appendix H.

Jungle

- 47. Personal hygiene for small isolated jungle units.

 HQ Mobile Force
 Filed with: War Dept.. SGO undated.
- 48. Present trends of research in the control of mosquitoes by DDT.

 A. King.

 Ministry Supply, Comm. Insecticide Applications Z 9259,

 5 Sept. 1944.
- 49. Questionnaire from Armored Medical Research Laboratory on problems of jungle warfare. Report, Army Ground Forces Board, SWPA.

 M. B. Kendrick.

 War Dept., Army War College 30 March 1945.
- 50. S. D. Infantry Headquarters Allied Land Forces Australia, Jungle Warfare Liaison Letter No. 1.
 H. G. Edgar.
 Australian file 19 August, 1943.
- 51. Some jungle trees and their uses.

 Indian Report No. 17 undated (rec'd. NRC-CMR 9 March 1945).
- 52. Studies of men in simulated jungle (humid) heat. Eichna, Bean, and Ashe.

 Armored Med. Research Lab. 18 October 1943.
- 53. Study of men drinking Bursoline treated water in moist heat.

 Norton Nelson et al.

 Armored Med. Research Lab. 26 May 1945.
- 54. Summary of report on DDT airspray trials in C. B. I. Theatre,
 South East Asia Command.
 E. M. Rice.
 South East Asia Report No. 8 undated (rec'd NRC-CMR 9 April 1945).
- 55. Survival on land and sea.
 Navy Dept. Misc. 1944.
- 56. Test of hammock, jungle, impregnated with "Preventol G-4".

 Bean, Eichna, and Ashe.

 Armored Med. Research Lab. 28 December 1943.
- 57. Test to determine suitability of specially designed spray equipment for dissemination of DDT from B-25 and C-47 aircraft.

 V. F. Lickee

 War Dept.. Army Air Forces Board Report No. 9 11 April 1945.
- 58. Trials of 500 lb. M. C. bombs and depth charges in the Ceylon jungle. South East Asia Report No. 3 13 Feb. 1945.
- 59. Tropical survival training.

 Navy Dept., Coast Guard, Air Sea Rescue Bull. No. 10 April, 1945, pp. 27-29.

- 60. Types of vegetation in area of spray trials.
 (Porton Report No. 2669).
 P. A. Buxton.
 Ministry Supply, Comm. Insecticide Applications Z 15468,
 15 Jan. 1945, Appendix A.
- 61. Typical load carried by soldier in action in jungle (in addition to clothing worn).

 Australian file 16 Oct., 1942.
- 62. Use of DDT residue sprays and finely atomized mists for the control of mosquitoes under jungle conditions. Interim report No. 0-82, OEMcmr-M-4731.
 A. H. Madden et al (E. F. Knipling).
 Report No. 26 (abstracted), Comm. Trop. Diseases 19 July, 1944.
- 63. Use of Grenfell or poplin cloth in lieu of H. B. T. for jungle clothing.
 P. Webb.
 War Dept., OQAG, Comm. Jungle Clothing 16 Oct., 1943.

XXXVII. HELICOPTER

- 1. Fifth crash injury conference.
 E. F. DuBois and W. R. Miles
 Special CAM Report 30 and 31 Oct. 1945
- 2. Helicopters. Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. III, #5 -May 1946, pp. 14-19
- 3. Helicopters prove worth in rescue.
 K. W. Fling
 Navy Dept., Coast Guard, Air Sea Rescue Bull. Vol. II, #3 Nov. 1945, pp. 43-46

XXXVIII. INJURIES

- A. Abdominal Injuries
- B. Chest Injuries
- C. Ear Injuries
- D. Eye Injuries
- E, Head Injuries
- F. Injuries of the Extremities
- G. Intervertebral Disc

A. Abdominal Injuries

- Air evacuation the problem of gas in the pleural cavity and the lumen of the bowel.
 E. W. Peterson.
 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. IV Appendix D, and Vol I.
- 2. Analysis of abdominal casualties in Canadian Advanced Surgical Units, A.A.I.
 A. L. Chute
 Royal Canadian Army Report No. 19 undated (rec'd NRC-CMR 29 Nov. 1944).
- 3. Analysis of abdominal casualties that completed operation in Canadian Advanced surgical centres in Italy (1 Dec. 44 15 Jan. 45).

 J. B. Armstrong.

 Misc. Canadian Report No. 161 25 March 1945.
- 4. Analysis of some Naval battle casualties.

 Report No. 4, Conf. Missile Casualties 15 Dec. 1944.
- 5. Aviation medical problems in African, Indian and Chinese theatres of operation. Appendices 20A, 20B, 20C: Case histories of typical patients evacuated by air.
 R. Lovelace, II.
 War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943.
- 6. Aviation medical problems in African, Indian and Chinese theatres of operation. Appendix 19B: Evacuation of casualties by air. H. E. Whittingham.
 R. Lovelace, II.
 War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943.
- 7. Battle casualties in tanks and armoured cars first aid. Middle East.
 Report, British War Office April 29, 1942; Misc. Report No. 9.
- 8. Blast injuries of the abdomen from depth charges. Preliminary report.
 D. R. Webster.
 Proc. Comm. Surgery, NRCC October 16, 1942, Appendix E.
- 9. British-American-Canadian surgical mission to the U.S.S.R. Military

 Hospitals. Section F: Mobile field hospital for thoraco-abdominal injuries.

 Wilder Penfield.

 Proc. Comm. Surgery, NRCC 1 Oct. 1943, Vol. 2, Appendix A.
- 10. Casualties in tanks.

 Report, Comm. Armoured Vehicles, NHMRC, Australia AFV 25, undated.

- 11. Comparison of the casualty rates of the 2-in. mortar and the 36-grenade.

 Preliminary note by
 S. Zuckerman et al.

 Ministry Home Security, Research & Exper. Dept. REN 227,
 14 May 1943 (also Ministry Supply report AC 4131).
- 12. Further note on casualties among aircrew personnel directly due to enemy action on night operations.

 Royal Air Force 29 Jan. 1944.
- 13. Incidence of certain disabilities in Middle East.

 British War Office September 7, 1942, Misc. Report No. 17.
- 14. Information on the distribution of trunk wounds with reference to the protection to be expected from the proposed body armour, previously reported on in report to D. G., A. M. S., CRME/14755/1/M of 27 September 1942.
 E. T. C. Spooner.
 British War Office undated; Misc. Report No. 63, DBR paper No. 7.
- 15. Injuries in thirty light-aircraft accidents. Medical data and crash details from field investigations of the Civil Aeronautics Board. Hugh De Haven.

 CAM Report No. 230 17 Nov. 1943.
- 16. Inquiry into plans and present organization for evacuation of the sick and wounded by air in the United States Army Air Forces. H. H. Jasper.
 Proc. Assoc. Comm. Army Med. Research 26-27 Nov. 1943, Vol. IV Appendix A, and Vol. I.
- 17. Mechanism of wounding by high velocity missiles. II. Microsecond X-ray studies. Interim report, OEMcmr-395.
 E. N. Harvey et al.
 Report No. 6, Comm. Missile Casualties 15 March 1945.
- 18. Nature and site of injuries received in flying accidents.

 G. O. Williams.

 FPRC Report No. 639b June 1946.
- 19. Notes of the meeting of the C.A.M. Crash Injury Conference, 27 May, 1943.

 Special CAM Report 27 May, 1943.
- 20. Observations on battle casualties including those with penetrating wounds of the abdomen.
 G. H. Lathe and R. A. Cleghorn.
 Misc. Canadian Report No. 124 24 Feb. 1945.
- 21. Observations on the effects of air blast on the central mervous system and viscera of cats and rabbits.

 E. L. Corey and Isidore Gersh.

 Naval Med. Research Inst., Project X-219 24 June 1944.

Injuries, Abdominal

- 22. Official medical report on casualties due to air raids on Darwin on the 19/2/42.

 Australian file, HSR 4 undated (rec'd NRC-CMR 4 Nov., 1943).
- 23. Relationship of injuries to structure in survivable aircraft accidents.

 Hugh de Haven.

 CAM Report No. 440 9 July 1945.
- 24. Report of Consulting Surgeon to The Surgeon, NATOUSA. Appendix G:
 Abdominal wounds.

 E. D. Churchill.

 War Dept., NATO 2 July, 1943.
- 25. Resuscitation of the severely wounded.
 A. L. Chute.
 Royal Canadian Army Report No. 18 October 1944.
- 26. Sizes of shell, mortar and bomb fragments causing wounds (Dieppe series).
 S. Zuckerman.
 Ministry Supply, Adv. Council Sci. Research & Tech. Devel.
 Fragmentation Panel AC 3142, SD/EP 60/IB. 163, 7 December 1942.
- 27. Special Incident No. 1 U. S. M41 20 lb. fragmentation bomb accident.
 Allan Palmer.
 War Dept., ETO 30 Sept. 1944.
- 28. Studies on wounds of the abdomen and thorax produced by high velocity missiles. Interim report, OEMcmr-395.

 Puckett, McElroy and Harvey.

 Report No. 9, Conf. Missile Casualties 20 Aug. 1945.
- 29. Study of clinical and pathological aspects of intestinal and mesenteric lesions resulting from aircraft accidents.

 George Hass.

 War Dept., Air Forces, Randolph Field No. 237 (1) 16 Mar. 1944.
- 30. Survey of battle casualties sustained by the Eighth Air Force during June, July and August, 1944 (Figures).
 Allan Palmer.
 War Dept., ETO undated (rec'd NRC-CMR 11 May 1945).
- 31. Survey of battle casualties sustained by the Eighth Air Force during June, July and August 1944. (Text).
 Allan Palmer.
 War Dept., ETO undated (rec'd NRC-CMR 11 May 1945).
- 32. Symposium on war casualties.
 Pacific Fleet Med. News, Vol. 1, No. 2 Nov. 1944.
- 33. Use of penicillin in the field.

 Proc. Assoc. Comm. Army Med. Research, NRCC Sept. 1944,

 Appendix T.

- 34. Use of penicillin in the R.A.F. for the period 1st January to 31st March 1944.

 D. C. Bodenham.

 Report, Comm. Penicillin Clinical Trials, MRC PCT 43, undated (rec'd NRC-CMR 18 July 1944).
- 35. Use of penicillin in the treatment of peritonitis an experimental study.

 G. P. Fauley et al.

 Naval Med. Research Inst., Project X-332, report No.1
 9 June 1944.
- 36. Use of penicillin in treating war wounds. (Instructions prepared by the Penicillin Trials Committee.) MRC War Memorandum No. 12. Report, Comm. Penicillin Trials, MRC 1944.
- 37. U.S.S. Solace (AH5). Statistical report of casualties evacuated from Iwo Jima, February 24 to March 14, 1945.
 W. W. Hall.
 Navy Dept., Bur. Med. and Surg. 9 June 1945.
- 38. War surgery in Britain.
 R. I. Harris.
 Proc. Comm. Surgery, NRCC 2 Dec. 1943, Appendix A.
- 39. Wounding power of small bomb and shell fragments.

 B. D. Burns and S. Zuckerman.

 Report, Ministry Home Security, Research & Exper. Dept.

 RC 350, October 7, 1942.
- 40. Your body in flight.
 War Dept., Air Forces, Misc. 30 Sept. 1944.

B. Chest Injuries

- Aviation medical problems in African, Indian and Chinese theatres of operation. Appendices 20A, 20B, 20C: Case histories of typical patients evacuated by air.
 R. Lovelace, II.
 War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943.
- 2. Aviation medical problems in African, Indian and Chinese theatres of operation. Appendix 19B: Evacuation of casualties by air. H. E. Whittingham. R. Lovelace, II. War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943.
- 3. Battle casualties in tanks and armoured cars first aid. Middle East. Report, British War Office April 29, 1942; Misc. Report No. 9.
- 4. British-American-Canadian surgical mission to the U.S.S.R. Military

 Hospitals. Section F: Mobile field hospital for thoraco-abdominal injuries.

 Wilder Penfield.

 Proc. Comm. Surgery, NRCC 1 Oct. 1943, Vol. 2, Appendix A.
- 5. British-American-Canadian surgical mission to the U.S.S.R.

 Section 0: Miscellany chest wounds.

 Wilder Penfield.

 Proc. Comm. Surgery, NRCC 1 Oct. 1943, Vol. 2, Appendix A.
- 6. Casualties in tanks.

 Report, Comm. Armoured Vehicles, NHMRC, Australia AFV 25, undated.
- 7. Further note on casualties among aircrew personnel directly due to enemy action on night operations.

 Royal Air Force 29 Jan. 1944.
- 8. Minutes of Conference on Pulmonary Edema.
 Report No. 4, Comm. Medicine 28 April 1944.
- 9. Observations on the effects of air blast on the central nervous system and viscera of cats and rabbits.
 E. L. Corey and Isidore Gersh.
 Naval Med. Research Inst., Project X-219 24 June 1944.
- 10. Relationship of injuries to structure in survivable aircraft accidents.

 Hugh de Haven.

 CAM Report No. 440 9 July 1945.
- 11. Report of Consulting Surgeon to The Surgeon, NATOUSA. Appendix F: Chest wounds.
 E. D. Churchill.
 War Dept., NATO 2 July, 1943.

- 12. Report of penetrating wounds of the chest, with haemothorax.

 J. D. Hamilton.

 Proc. Assoc. Comm. Army Med. Research, NRCC Sept. 1944, Appendix L.
- 13. Report of the Subcommittee on Surgery, October 25, 1944. (Air transport of chest and head injuries).
 Wilder Penfield.
 Proc. Assoc. Comm. Med. Research, NRCC 25 Oct. 1944, Appendix I.
- 14. Report on casualties in AFV's.

 A. L. Chute.

 British War Office Sept. 7, 1942; Misc. Report No. 16.
- 15. Special Incident No. 1. U. S. M41 20 lb. fragmentation bomb accident.
 Allan Palmer.
 War Dept., ETO 30 Sept. 1944.
- 16. Special casualty survey carried out in the Cassino area.
 Allan Palmer.
 War Dept., ETO undated (rec'd NRC-CMR 15 Aug. 1944).
- 17. Studies on wounds of the abdomen and thorax produced by high velocity missiles. Interim report, OEMcmr-395.

 Puckett, McElroy and Harvey.

 Report No. 9, Conf. Missile Casualties 20 Aug. 1945.
- 18. Survey of battle casualties sustained by the Eighth Air Force during June, July and August, 1944 (Figures).
 Allan Palmer.
 War Dept., ETO undated (rec'd NRC-CMR 11 May 1945).
- 19. Survey of battle casualties sustained by the Eighth Air Force during June, July and August, 1944. (Text).
 Allan Palmer.
 War Dept., ETO undated (rec'd NRC-CMR 11 May, 1945).
- 20. "Trend of field surgery" North European front.
 D. C. Monro.
 British War Office Misc. Report No. 221 6 Oct. 1944.
- 21. Trend of forward surgery in Italy.
 F. A. R. Stammers.
 British War Office Misc. Report No. 207 16 July 1944.
- 22. War surgery in Britain.
 R. I. Harris.
 Proc. Comm. Surgery, NRCC 2 Dec. 1943, Appendix A.
- 23. Wounding power of small bomb and shell fragments.

 B. D. Burns and S. Zuckerman.

 Report, Ministry Home Security, Research & Exper. Dept.

 RC 350, October 7, 1942.

C. Ear Injuries

- 1. Acoustic trauma of the organ of Corti in the guinea pig. OMMcmr-194. Lurie, Davis and Hawkins Report #2 (abstracted), Comm. Otolaryngology - 31 March 1944
- 2. Acute otitic barotrauma clinical findings, mechanism and relationship to the pathological changes produced experimentally in the middle ears of cats by variations of pressure.

 Dickson, McGibbon and Campbell
 Report, Comm. Flying Personnel Research FPRC 423(U), Dec. 1943
- 3. Blast injuries.

 British War Office, Army Med. Dept. Bull. No. 22 April, 1943, pp. 1-3
- 4. Blast pressure conditions causing death or injury. (Excerpt from Australian and New Zealand Scientific Research Liaison Report #496 undated 14 October 1943) Item 78 of News Letter 15 to F. S. Cooper from '

 H. P. Robertson
 Filed with: Ministry of Home Security, Research & Exper. Dept. 26 October 1943
- 5. Rlast pressures at some of the ear positions of the operators of a 3.7-in. Q.F. A.A. gun.

 Dept. Scientific & Indust. Research, Road Research Lab. MOS/270/VJJ, Oct. 1943
- 6. Rlast pressures at the ear positions of the operators of a 5.5-in. B. L. gun 7th April, 1943.

 Dept. Sci. & Indus. Research, Road Research Lab. MOS/247/VJJ July, 1943
- 7. Blast pressures at the ear positions of the operators of a 40-mm,
 Bofors gun fitted with a flash eliminator 5th May, 1943.

 Dept. Sci. & Indus. Research, Road Research Lab. MOS/243/VJJ July, 1943
- 8. Blast pressures at the ear positions of the operators of a 17-pr. antitank gun fitted with double-baffle service and 305 muzzle brakes.
 21 April 1943.
 Dept. Scientific and Indust. Research, Road Research Lab. MOS/241/VJJ, July 1943
- 9. Blast pressures at the ear positions of the operators of a 6-pr. anti-tank gun fitted with type 5800/B. muzzle brake 19 May 1943. Dept. Scientific and Indust. Research, Road Research Lab. MOS/244/VJJ, July 1943
- 10. Blast pressures at the ear positions of the operators of a 25-pr. gun fitted with a Solothurn muzzle brake 10th February, 24th February and 24th March, 1943.

 Dept. Sci. & Indus. Research, Road Research Lab. MOS/242/VJJ July, 1943

- 11. Blast pressures to the rear of a battery of four 25-prs.

 Dept. Scientific & Indust. Research, Road Research Lab.
 MOS/266/VJJ, Sept. 1943
- 12. Continous pressure politzerization in the prevention of altitude chamber aero-otitis media.

 F. W. Ogden
 CAM report #211 31 Aug., 1943
- 13. Danger of blast and splinter injuries in armoured vehicles attacked by grenades. Experiments at Whitechurch 23 August, 1941.

 S. Zuckerman and J. D. Bernal
 Report, Comm. Weapons, MPRC-BPC 95/WS 5, 25 Aug., 1941
- 14. Effect of gunfire noise upon auditory acuity for pure tones.

 F. W. Ogden
 War Dept., Air Forces, Randolph Field #315 (1) 30 Sept. 1944
- 15. Effect of nasal ventilation upon tubal equalizing efficiency in flying personnel.

 H. J. Sternstein and J. B. MacGregor
 Filed with: Navy Dept., Naval Air Station, Jacksonville, Fla. undated (rcc'd NRC-CMR 22 Feb. 1944)
- 16. Field surgery pocket book. Memorandum based mainly on experience in the present war.

 British War Office, Misc. Report #169 Jan. 1944
- 17. Field survey of air-raid casualties. November 5, 1941.

 S. Zuckerman

 Filed with: Off. Civilian Defense, Intell. & Research Unit, Vol. Med.

 Report #16, Enclosure I March 22, 1943.
- 18. Final report on aural damage occurring in personnel engaged in diving operations (otitic barotrauma).

 S. G. French
 Report, Subcomm. Underwater Physiology, RNPRC, MRC RNP 43/65, Nov. 1943
- 19. Head measurements in cases of recurrent otitic barotrauma. FPRC Report #608 6 Feb. 1945
- 20. Incidence of otitic and sinus barotrauma among flying personnel during descent in the low-pressure chamber.

 A. H. Sellers and C. B. Stewart

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March 1945, Appendix A
- 21. Memorandum on training for ear clearing.

 Report, Subcomm. Underwater Physiology, RNPRC, IRC RNP 43/62, Sept.

 1943

Injuries, Ear

- 22. Note by Oxford Extra-mural Unit on blast pressure conditions which cause death or temporary incapacity reference A.S.R.L.O. letter dated 15.9.43.

 Ministry Home Security, Research and Exper. Dept., REN 283 29
 Sept. 1943
- 23. Post-traumatic vertigo and dizziness. Interim report, OEMcmr-159. Friedman, Brenner and Denny-Brown
 Report #41 (abstracted) Comm. Neurosurgery 17 July, 1944
- 24. Proceedings of the Ordnance Board, 3 Nov. 43, No. 25, 340. Effects of blast on personnel firing 17-pdr. anti-tank gun. (Previous No. 24,893)

 Filed with: Reports, Comm. Weapons, MPRC 3 Nov. 1943
- 25. Rupture of the ear-drums by blast. Second report. Blake, Douglas, Krohn, and Zuckerman Report, Comm. Weapons, MPRC-BPC 43/179, undated
- 26. Rupture of the ear-drums by blast. Supplement. Filed with: Reports, Comm. Weapons, MPRC-BPC 148a; 22 Nov., 1941.
- 27. Specimen casualty survey carried out in the Cassino area.

 Allan Palmer

 War Dept., ETO undated (rec'd NRC-CMR 15 Aug. 1944)
- 28. Summary of a report on clinical findings observed in cases of acute otitic barotrauma and their relationship to the changes produced experimentally in cats by alteration of atmospheric pressure.

 J. E. G. McGibbon and A. C. P. Campbell

 FPRC Report #557 Nov., 1943
- 29. Supplementary report on injury of the inner ear produced by exposure to loud tones, OEMcmr-194.

 J. E. Hawkins, M. H. Lurie and H. Davis
 Filed with: Reports, Comm. Otolaryngology 31 Dec., 1943
- 30. Temporary deafness due to gunfire. Acoustic Research Laboratory, Report No. 7.

 N. E. Murray and G. Reid
 Report, Comm. Army Physiological Research, NHARC 24 Jan. 1945
- 31, Temporary deafness following exposure to loud tones and noise. Final report, OHMcmr-194.

 Report #1(abstracted), Comm. Otolaryngology, 30 Sept. 1943

D. Eye Injuries

- 2. Anti-personnel explosive incendiary bomb incidents. (Birmingham, Wolverhampton, Walsall, Norwick & Bedford).

 Ministry Home Security, Research & Exper. Dept. REN 175, 29
 September 1942
- 3. Casualty rates of flying bombs at night.

 Ministry Home Security, Research and Exper. Dept., Misc. 4 July 1944
- 4. Evaluation of evidence for injury to the eye by sunlight.
 H. F. Blum
 Naval Med. Research Inst. Misc., 5 June 1944
- 5. Eye flash injuries from welding arc.

 Max Trumper

 Naval Med. Research Inst. Project X-202(1), 27 March 1945
- 6. Factors affecting cell division in the normal and injured corneal and conjunctival epithelia. Final report, OEMcmr-336.
 G. K. Smelser
 Filed with: Reports, Comm. Surgery 15 June 1946
- 7. Memo on the risk of eye injuries in air-raids particularly in flying bomb incidents.
 Ministry Home Security, Research & Exper. Dept. REN 428,
 17 Aug. 1944
- 8. Memorandum on eye irritation in tanks.
 Willard Machle
 Armored Force Med. Research Lab. November 28, 1942
- 9. Outline of medical department duties aboard landing craft.
 Navy Dept., Bur. Med. and Surg. April 1944
- 10. Penicillin in ophthalmology. R.A.F. cases treated between 10th December 1943 and 31st March 1944.

 J. G. Milner
 Report, Comm. Penicillin Clinical Trials, MRC PCT 37, 31 March 1944
- 11. Protection of the eyes from light and heat.

 British Admiralty, Admiralty Research Lab. ARL/R.1/83, 04/0, 4 Jan.
 1944
- 13. Report on living and working conditions among R.N. personnel in the tropics.

 Macdonald Critchley and H. E. Holling

 Filed with: Reports, Comm. Royal Naval Personnel Research, MRC
 22 April 1944

Injuries, Eye

- 14. Short summary of reports by the Extramural Unit, Department of Human Anatomy, Oxford, on casualty rates due to flying bombs. Ministry Home Security, Research & Exper. Dept. REN 429, 31 Aug. 1944
- 15. Some physical aspects of photo-retinitis in anti-aircraft lookouts.
 G. H. Briggs
 Australian Scientific Research Liaison, Feb. 1943
- 16. Survey of battle casualties sustained by the Eight Air Force during June, July and August, 1944(Figures).
 Allan Palmer
 War Dept., ETO undated (rec'd NRC-CMR 11 May 1945)
- 17. Survey of battle casualties sustained by the Eight Air Force during June,
 July and August 1944. (Text).
 Allan Palmer
 War Dept., ETO undated (rec'd NRC-CMR 11 May 1945)
- 18. Ultraviolet radiation at high altitudes.

 H. F. Blum

 OSRD, Army-Navy-OSRD Vision Comm. 12 Oct. 1944, pp. 23
- 19. Use of penicillin in treating war wounds. (Instructions prepared by the Penicillin Trials Committee.) MRC War Memorandum No. 12.

 Report, Comm. Penicillin Trials, MRC 1944
- 20. Wounds caused by Bakelite fragments.

 Ministry Home Security, Research & Exper. Dept. B 4, 9 June 1943

E. Head Injuries

- 1. Abstracts of crash injury reports.

 Special CAM report undated (rec'd NRC-CMR 20 June 1944).
- 2. Acute and chronic neurological, neuropsychological and neurophysiological effects of head injuries. I. Water, nitrogen and electrolyte content of brain following cerebral concussion. Final report, OEMcmr-285.
 A. E. Walker.
 Filed with: Reports, Comm. Neurosurgery 16 June 1945.
- 3. Acute and chronic neurological, neuropsychological and neurophysiological effects of head injuries. II. Observations on blood flow. Final report, OEMcmr-285.
 A. E. Walker.
 Filed with: Report, Comm. Neurosurgery 20 June 1945.
- 4. Acute and chronic neurological, neuropsychological and neurophysiological effects of head injuries. III. The reaction of the meninges to blood in the subarachnoid space. Final report, OEMcmr-285.

 A. E. Walker.

 Filed with: Reports, Comm. Neurosurgery 19 June 1945.
- 5. Acute and chronic neurological, neuropsychological and neurophysiological effects of head injuries. IV. Posttraumatic cerebral edema. Final report, OEMcmr-285.

 A. E. Walker.
 Filed with: Reports, Comm. Neurosurgery 25 June 1945.
- 6. Acute and chronic neurological, neuropsychological and neurophysiological effects of head injuries. V. Report on electroencephalographic changes following local injury to the cerebral cortex. Final report, OEMcmr-285.

 A. E. Walker.
 Filed with: Reports, Comm. Neurosurgery 26 June 1945.
- 7. Air-ambulances and the air-borne patient.
 G. J. Hamilton.
 Misc. File Britain Jan. 1942.
- 8. Air evacuation analysis of cases carried by air from eastern Canada to the Montreal Neurological Institute.

 E. W. Peterson and W. V. Cone.

 Proc. Assoc. Army Med. Research, 26-27 Nov. 1943, Vol. IV Appendix B and Vol. I.
- 9. Air evacuation an investigation on intracranial pressure at altitude in the human subject.
 Peterson, Kent, and Cone.
 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. IV Appendix E, and Vol. I.
- 10. Air-raid casualties. A survey based on an analysis of casualty data provided by air-raids in England 1940-3.

 Extramural Unit, Dept. Anatomy, Oxford Univ.

 Ministry Home Security, Research & Exper. Dept., Misc. 21 Feb. 1944.

Injuries, Head

- 11. Analysis of first thousand cases of head injury admitted to the Military Hospital for Head Injuries. (Explanatory text to paper BIC 61).

 W. Ritchie Russell.

 Report, Brain Injuries Comm., MRC BIC 61-a.
- 12. Analysis of some Naval battle casualties.

 Report No. 4, Conf. Missile Casualties 15 Dec. 1944.
- 13. Anti-personnel explosive incendiary bomb incidents. (Birmingham, Wolverhampton, Walsall, Norwick & Bedford).

 Ministry Home Security, Research & Exper. Dept. REN 175,
 29 September 1942.
- 14. Aviation medical problems in African, Indian and Chinese theatres of operation. Appendices 20A, 20B, 20C: Case histories of typical patients evacuated by air.
 R. Lovelace, II.
 War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943.
- 15. Aviation medical problems in African, Indian and Chinese theatres of operation. Appendix 19B: Evacuation of casualties by air. H. E. Whittingham.
 R. Lovelace, II.
 War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943.
- 16. Case-taking scheme in use at Oxford Military Hospital (head injuries).

 Report, Comm. Brain Injuries, MRC BIC 5, undated.
- 17. Clinical use of tantalum in cranioplasty.
 W. Penfield and W. Cone.
 Proc. Comm. Surgery, NRCC January 9, 1943, Appendix M.
- 18. Comparison of the casualty rates of the 2-in. mortar and the 36-grenade.

 Preliminary note by
 S. Zuckerman et al.

 Ministry Home Security, Research & Exper. Dept. REN 227,
 14 May 1943 (also Ministry Supply report AC 4131).
- 19. Crash injury notes and abstracts.

 Special CAM report undated (rec'd. NRC-CMR 13 July, 1944).
- 20. Damage to cranial nerves resulting from head injury. Interim report, OEMcmr-159.

 A. P. Friedman and H. H. Merritt (D. E. Denny-Brown).

 Filed with: Reports, Comm. Neurosurgery undated (rec'd NRC-CMR, 29 July, 1944).
- 21. Dark adaptation, negative after images, tachistoscopic examinations, and reaction time in head injuries. OEMcmr-126.

 Jurgen Ruesch.

 Report No. 27 (abstracted), Comm. Neurosurgery 25 Feb. 1944.

- 22. Development of reliable instruments for detecting and measuring of brain stem and basal ganglia functions following closed head injuries. Partial report, OEMcmr-148.

 J. G. Lynn and Charles Sheer.
 Filed with: Reports, Comm. Neurosurgery undated (rec'd. NRC-CMR 25 May 1944).
- 23. Disability arising from closed head injury. Interim report, OEMcmr-159.

 D. Denny-Brown.

 Filed with: Reports, Comm. Neurosurgery undated (rec'd NRC-CMR 31 August 1944).
- 24. Effect of impacts on the head and back of monkeys.

 S. Zuckerman and A. N. Black.

 Research and Exp. Dept., Min. of Home Security R. C. 124,

 August, 1940.
- 25. Effects of direct concussion on monkeys in underground shelters. S. Zuckerman.

 Research and Exp. Branch, Min. of Home Security R. C. 65, Dec. 1939.
- 26. Electronics in the investigation of head injuries. OFMcmr-148. Charles Sheer and J. G. Lynn.
 Report No. 17 (abstracted) Comm. Neurosurgery 3 Jan. 1944.
- 27. Evaluation of post-traumatic syndrome. Final report, OEMcmr-159. D. Denny-Brown.

 Report No. 61 (abstracted), Comm. Neurosurgery 15 Nov. 1944.
- 28. Experimental structural alterations in the brain during and after concussion. OEMcmr-348.
 Windle, Groat and Fox.
 Report No. 30 (abstracted), Comm. Neurosurgery 22 April, 1944.
- 29. Experimental study of the prevention of meningo-cerebral adhesions.
 Robert Pudenz and Guy Odom.
 Min. Comm. Surg., NRCC Mar. 27, 1942, Appendix D.
- 30. Field survey of air-raid casualties. November 5, 1941.
 S. Zuckerman.
 Filed with: Off. Civilian Defense, Intell. & Research Unit,
 Vol. Med. Report No. 16, Enclosure I March 22, 1943.
- 31. Functional and structural changes in the monkey's brain during and after concussion. OEMcmr-348.

 Groat, Windle and Magoun.

 Report No. 36 (abstracted), Comm. Neurosurgery 13 June 1944.
- 32. Further note on casualties among aircrew personnel directly due to enemy action on night operations.

 Royal Air Force 29 Jan. 1944.

Injuries, Head

- 23. German military neuropsychiatry and neurosurgery.

 Leo Alexander.

 War Dept., Combined Intelligence Objectives Subcomm. Report

 No. 90 undated (rec'd NRC-CMR, 5 Aug., 1946).
- 34. Glucose, insulin and adrenalin tolerance tests in head injuries.

 OEMcmr-126.

 Jurgen Ruesch and K. M. Bowman.

 Report No. 5 (abstracted) Comm. Neurosurgery.

 25 Oct. 1943.
- 25. Incidence of certain disabilities in Middle East.

 British War Orfice September 7, 1942, Misc. Report No. 17.
- 26. Injuries in thirty light-aircraft accidents. Medical data and crash details from field investigations of the Civil Aeronautics Board.
 Hugh De Haven.
 CAN Report No. 230 17 Nov. 1943.
- 27. Injuries of the head and face sustained by R.A.F. air crews in operational and non-operational flying.
 Stanford Cade.
 F.P.R.C. report No. 476.
- 28. Injuries resulting from aircraft accidents, U. S. Army Air Forces, continental U. S., for January 1944. OHMcmr-121.

 Aubrey Schneider.

 CAM report No. 202 14 May 1944.
- 59. Injuries resulting from aircraft accidents, U. S. Army Air Forces, Continental U. S., For June 1944. OEMcmr-121.

 CAM Report No. 369 27 Sept. 1944.
- 40. Injuries resulting from aircraft accidents, U. S. Army Air Forces, Continental U. S., for July 1944. OEWemr-121.

 CALI Report No. 272 17 Oct. 1944.
- 41. Injuries resulting from aircraft accidents, U. S. Army Air Forces, Continental U. S., for August 1944.

 B. A. Schneider.

 War Dept., Air Forces, Misc. 22 Nov. 1944.
- 42. Injuries resulting from aircraft accidents, U. S. Army Air Forces, Continental U. S., for September, 1944.

 B. A. Schneider

 War Dept., Air Forces, Misc. 14 Dec. 1944.
- 43. Intellectual deterioration from head injury. OEMcmr-159.

 D. Denny-Brown.

 Report No. 10 (abstracted) Comm. Neurosurgery 10 Dec. 1942.

- 44. Intellectual impairment and head injury. OELCor-159.
 E. M. Cole.
 Report No. 9 (abstracted) Com. Neurosurgery 10 Dec. 1943.
- 45. Investigation on the influence of experimental concussion on cerebral physiology. Final report, OELemr-68.

 J. V. Ward and S. L. Clark.
 Filed with: Reports, Comm. Neurosurgery 23 April 1946.
- 46. Lucite calvarium, a method for direct observation of the brain.
 11. Cranial trauma and brain movement.
 Shelden, Pudenz and Restarski.
 N. val Med. Research Inst. Project X-182 (2), 28 Jan. 1946.
- 47. Mechanism of wounding by high velocity missiles. I. Quantitative data. Interim report, Ohlemr-195.
 E. N. Harvey et al.
 Report No. 2, Conf. Missile Casualties 15 Dec. 1944.
- 48. Mechanism of wounding by high velocity missiles. II. Microsecond X-ray studies. Interim report, Ohlemr-195.

 E. N. Harvey et al.

 Report No. 6, Comm. Missile Casualties 15 March 1945.
- 49. Medical faculty of the Friedrich-Schiller-University Jena.
 C. L. McCharthy.
 War Dept., Combined Intelligence Objectives Subcomm. Report No. 92 undated (rec'd NRC-CAR 5 Aug. 1946).
- 50. Memorandum on the rehabilitation of patients with head injuries.

 Symonds and Cairns.

 Report, Comm. Brain Injuries, LRC-BICS, undated.
- 51. Memorandum on the treatment of head injuries in war.

 Report, Comm. Brain Injuries, MRC BIC 5, undated.
- 52. Nature and site of injuries received in flying accidents.

 G. O. Williams.

 FPRC Report No. 639b June 1946.
- 53. Neurological, neuropsychological, and neurophysiological effects of head injury. Final report, OEMemr-285.
 T. J. Case et al (A. E. Walker).
 Filed with: Reports, Comm. Neurosurgery 26 Jan. 1944.
- 54. Neurological and neurophysiological effects of head injury. Final report, OEMcmr-285.
 Woolf, Case, and Walker (A. E. Walker).
 Report No. 44 (abstracted) Comm. Neurosurgery 17 July 1944.
- 55. Neuropathology and neurophysiology, including electro-encephalography, in wartime Germany.

 Leo Alexander.

 War Dept., Combined Intelligence Objectives Subcomm. Report No. 60 20 July 1945.

Injuries. Head

- 56. Neurophysiological effects of head injury. Final report, OEMcmr-285.

 A. E. Walker et al.

 Report No. 40 (abstracted), Comm. Neurosurgery 15 July 1944.
- 57. Neurophysiological studies on experimental cerebral concussion.

 Final report, OHMcmr-116.

 R. B. Aird and L. A. Strait.

 Filed with: Reports, Com... Neurosurgery undated (rec'd NRC-CMR 6 Mar. 1946).
- 58. Neuropsychiatric organisations in the German Air Force.

 Denis Williams.

 FPRC Report No. 629 June 1945.
- 59. Neuropsychological effects of head injuries. Final report, OEMcmr-285.
 W. C. Halstead (A. E. Walker).
 Report No. 42 (abstracted) Comm. Neurosurgery 19 July 1944.
- 60. Notes of the meeting of the C.A.M. Crash Injury Conference, 27 May, 1943.

 Special CAM Report 27 May 1943.
- 61. Notes on battle casualties from the fighting in September 1942.
 Middle East.
 W. G. Ogilvie.
 British War Office October 16, 1942; Misc. Report No. 24.
- 62. Observations on so-called blast cerebral-concussion.
 S. Zuckerman.
 Report, Comm. Weapons, MPRC-BPC 147/WS 12, 20 November 1941.
- 62. Official medical report on casualties due to air raids on Darwin on the 19/2/42.

 Australian file. HSR 4 undated (rec'd NRC-CMR 4 Nov.. 1943).
- 64. Pathogenesis of concussion. Final report, OElcmr-285.

 T. J. Case et al (A. L. Walker).

 Report No. 21 (abstracted), Comm. Neurosurgery 12 Jan. 1944.
- 65. Physiological basis of concussion. Ommer-285.

 Walker, Kollros, and Case.

 Filed with: Reports, Comm. Neurosurgery undated (rec'd NRC-CMR 3 Oct. 1944).
- 66. Pilot's head support.

 R. S. Benton.

 War Dept., Air Forces, ENG-49-695-28, 4 Nov., 1943.
- 67. Post-traumatic headache and dizziness.

 Arthur Elvidge and Peter Lehman.

 Min. Comm. Surg., NRCC Mar. 27, 1942, Appendix C.
- 68. Post-traumatic mental symptoms after head injury: A statistical analysis of two hundred cases. OdMcmr-159.

 Alexander Adler.

 Report No. 52 (abstracted), Comm. Neurosurgery 5 Oct. 1944.

- 69. Post-traumatic personality change. Annual report, Oblichr-126.

 K. M. Bowman.

 Filed with: Reports, Comm. Neurosurgery July 1, 1943.
- 70. Post-traumatic vertigo and dizziness. Interim report, OEMcmr-159. Friedman, Brenner and Denny-Brown.
 Report No. 41 (abstracted) Comm. Neurosurgery 17 July 1944.
- 71. Pre- and post-traumatic personality in head injuries. OEMcmr-126. Ruesch, Harris and Bowman.
 Report No. 14 (abstracted) Comm. Neurosurgery 29 Nov. 1943.
- 72. Predisposition to psychological disorder in normal flying personnel.

 Denis Williams.

 FPRC report No. 516 February, 1945.
- 73. Preliminary report on the treatment of head wounds with penicillin.
 Cairns, Eden, and Shoreston.
 British War Office, Misc. Report No. 96, Section 32 October, 1943.
- 74. Preliminary report to the War Office and the Medical Research Council on investigations concerning the use of penicillin in war wounds.

 H. W. Florey and H. Cairns.

 British War Office, Misc. Report No. 96 October, 1947.
- 75. Prevention of injury in aircraft crashes.

 J. C. Gilson, W. K. Stewart, and Z. Pekarek.

 FPRC report No. <u>556</u> Dec. 1943.
- 76. Proceedings of the Peripheral Nerve and Concussion Conferences under the auspices Committee on Medical Research.

 Report No. 68, Comm. Neurosurgery 28 Oct. 1944.
- 77. Prolonged post-traumatic syndromes following head injury. OEMcmr-126.

 Jurgen Ruesch and K. M. Bowman.

 Report No. 48 (abstracted). Comm. Neurosurgery 1 July 1944.
- 78. Psychological tests for the clinical evaluation of late 'diffuse organic', 'neurotic', and 'normal' reactions after closed head injury.

 Partial report, Ohmomr-148.

 Lynn, Levine, and Hewson.

 Filed with: Reports, Comm. Neurosurgery undated (rec'd. NRC-CMR, 16 May, 1944).
- 79. Psychophysiological relations in cases with head injuries. OEMcmr-126.

 Jurgen Ruesch.

 Report No. 34 (abstracted). Comm. Neurosurgery 12 April 1944.
- 80. Relationship of injuries to structure in survivable aircraft accidents.

 Hugh de Haven.

 CAM Report No. 440 9 July 1945.

Injuries, Head

- 81. Relationship of intracranial pressure and presence of blood in the cerebrospinal fluid to the occurrence of headaches in patients with injuries to the head. Interim report, OEMcmr-159.

 A. P. Friedman and H. H. Merritt (D. Denny-Brown).

 Filed with: Reports, Comm. Neurosurgery undated (rec'd NRC-CLR 13 July 1944).
- 82. Repair of cranial defects with tantalum. An experimental study.
 R. H. Pudenz, USNR.
 Proc. Comm. Surgery, NRCC January 9, 1942, Appendix L.
- 82. Report of Consulting Surgeon to The Surgeon, NATOUSA. Appendix J:
 Neurosurgical therapy.
 H. G. Schwartz.
 War Dept., NATO 2 July, 1943.
- 84. Report of the Subcommittee on Surgery, October 25, 1944. (Air transport of chest and head injuries.)
 Wilder Penfield.
 Proc. Assoc. Comm. Med. Research, NRCC 25 Oct. 1944, Appendix I.
- 85. Reviews of physical standards for airmen. Appendix C. Filed with: Reports, Comm. Med. Problems of Civil Aviation undated (rec'd NRC-CMR 22 Aug. 1946).
- 86. Shoulder safety harness.
 R. H. Follis, Jr.
 War Dept., Air Force, Materiel Div., ANG-M-49-698-10,
 March 23, 1943.
- 87. Sizes of shell, mortar and bomb fragments causing wounds (Dieppe series).

 S. Zuckerman.

 Ministry Supply, Adv. Council Sci. Research & Tech. Devel.

 Fragmentation Panel AC 3142, SD/EP 60/ IB, 163, 7 December 1942.
- 88. Special Incident No. 1. U. S. M41 20 lb. fragmentation bomb accident.
 Allan Palmer.
 War Dept., ETO 30 Sept. 1944.
- 89. Specimen casualty survey carried out in the Cassino area.

 Allan Palmer.

 War Dept., ETO undated (rec'd NRC-CMR 15 Aug. 1944).
- 90. Structural alterations in the brain in experimental concussion.

 Ohmomr-248. (Abstract).

 Windle, Groat and Fox.

 Filed with: Reports, Comm. Neurosurgery 29 Nov. 1943.
- 91. Studies on headache: mechanism of chronic post-traumatic headache.
 Final report, OEMcmr-485.

 D. J. Simons and H. G. Wolff.
 Filed with: Reports, Comm. Neurosurgery undated (rec'd NRC-CMR 4 Jan. 1946).

- 92. Study of alterations in activity and intrinsic structure of the central nervous system in experimental cerebral concussion. Final report, Observ-348.

 W. F. Windle.
 Filed with: Reports. Comm. Neurology 1 June 1944.
- 93. Study of the causes of posttraumatic headache and posttraumatic psychoneurosis.

 W. D. Ross and F. L. McNaughton.

 Proc. Comm. Surgery, NRCC (Section on Traum. Inj. Nervous System)

 2 Dec. 1943, Appendix IV-A and Section IV, p. 3.
- 94. Survey of battle casualties sustained by the Eighth Air Force during June, July and August, 1944 (Figures).
 Allan Palmer.
 War Dept., ETO undeted (rec'd NRC-CLR 11 May 1945).
- 95. Survey of battle casualtics sustained by the Eighth Air Force during June, July and August, 1944. (Text).
 Allan Palmer.
 War Dept., LTO undated (rec'd NRC-CMR 11 May 1945).
- 96. Two different types of post-traumatic neuroses. OEMcmr-159.
 Alexander Adler.
 Report No. 23 (abstracted), Comm. Neurosurgery 1 May, 1944.
- 97. Use of Rorschach technique and the Wochsler-Bellevue scale in defining chronic mental changes resulting from diffuse cerebral damage.

 OELECT-148.

 L. R. Hewson and K. N. Levine.
 Report No. 25 (abstracted), Comm. Neurosurgery 22 May, 1944.
- 98. Uses of penicillin in the Royal Air Force.
 Air Ministry, A. M. Pamphlet No. 186 July 1945.
- 99. War neuroses in North Africa. The Tunisian campaign, January May, 1942.
 R. M. Grinker and J. P. Spiegel.
 War Dept., NATO September, 1942.
- 100. War Surgery in Britain.
 R. 1. Harris.
 Proc. Comm. Surgery. NRCC 2 Dec. 1947, Appendix A.

F. Injuries of the Extremities

- 1. Air-raid casualties . A survey based on an analysis of casualty data provided by air-raids in England 1940-43. Extramural Unit, Dept. Anatomy, Oxford Univ. Ministry Home Security, Research & Exper. Dept., Misc.-21 Feb. 1944.
- 2. Analysis of some Naval battle casualties.
 British Admiralty 15 December 1943.
- 3. Effect of cold temperature on the digits of the hands and feet.
 Progress report, July and August, 1943.
 War Dept., Signal Corps, Climatic Research Unit.
- 4. Further note on casualties among aircrew personnel directly due to enemy action on night operations.

 Royal Air Force 29 January 1944.
- 5. Information on the distribution of trunk wounds with reference to the protection to be expected from the proposed body armour, previously reported on in report to D.G., A.M.S. CRME/14755/1/M of 27 September 1942.

 E. T.C. Spooner

 British War Office undated; Misc. Report #63
- 6. Injuries in thirty light-aircraft accidents. Medical data and crash details from field investigations of the Civil Aeronautics Board.

 Hugh DeHaven

 CAM Report #230 17 November 1943.
- 7. Nature and site of injuries received in flying accidents.
 G. O. Williams
 FPRC Report #639b June 1946.
- 8. Notes of the meeting of the C.A.M.-Crash Injury Conference, 27 May 1943. Special CAM Report 27 May 1943.
- 9. Observations on B.P.C. 12 report on body armour.
 J. D. Bernal and S. Zuckerman
 Filed with: Reports, Comm. Body Armour, MPRC undated (rec'd NRC-CMR 27 Nov. 1943).
- 10. Official medical report on casualties due to air raids on Darwin on the 19/2/42.

 Australian file, HSR 4 undated (Rec'd NRC-CMR 4 Nov., 1943).
- 11. Parachute injuries.
 W. P. Forcade
 War Dept., Amer. Med. Soc., ETO 28 July 1943.
- 12. Prevention of injury in aircraft crashes.

 J. C. Gilson, W. K. Stewart, and Z. Pekarek

 FPRC report #556 December 1943.
- 13. Russian treatment of frozen extremities.
 Proc. Comm. Surgery, NRCC (Section on Traum. Inj. Nervous System)
 2 December 1943, Section IV.

Injuries of the Extremities

- 14. Special Incident No. 1. U.S. M41 20 lb. fragmentation bomb accident.
 Allan Palmer
 War Dept., ETO 30 Sept. 1944.
- 15. Survey of battle casualties sustained by the Eighth Air Force during June, July and August, 1944 (Figures).
 Allan Palmer
 - War Dept., ETO undated (Rec'd NRC-CMR' 11 May 1945).
- 16. Survey of battle casualties sustained by the Eighth Air Force during
 June, July and August 1944 (Text).
 Allan Palmer
 War Dept., ETO undated (Rec'd NRC-CMR 11 May 1945).
- 17. U.S.S. Solace (AH5). Statistical report of casualties evacuated from Iwo Jima, February 24 to March 14, 1945.
 W. W. Hall
 Navy Dept., Bur. Med. and Surg. 9 June 1945.
- 18. Wounding power of debris.

 Ministry Home Security, Research & Exper. Dept. RC 423, July 1944.
- 19. Wounding power of small bomb and shell fragments.

 B. D. Burns and S. Zuckerman
 Report, Ministry Home Security, Research & Exper. Dept. RC 350,
 7 October 1942.
- 20. Wounds caused by Bakelite fragments.

 Ministry Home Security, Research & Exper. Dept. B 4, 9 June 1943.

G. Intervertebral Disc

- 2. Conference on results of operation for prolapsed disc held 16th December 1943.

 Report, Comm. Nerve Injuries, MRC-PNI 64, 6 Jan. 1944
- 3. Diagnosis of low back pain.
 G. W. Armstrong
 Proc. Section on Orthopaedics, Comm. Surgery, NRCC 5 June 1944,
 Appendix A
- 4. Intervertebral discs Workmen's Compensation Board, Province of Manitoba.
 A. Gibson
 Proc. Section on Orthopaedics, Comm. Surgery, NRCC 5 June 1944, Appendix C
- 5. Low back pain. Summary of cases. D.R.Webster. Min. Comm. Surg., NRCC - Mar. 27, 1942 Appendix F
- 6. "Neurotic back."

 J. P. S. Cathcart

 Proc. Section Traumatic Injuries Nervous System, Comm. Surgery,

 NRCC 9 Dec. 1944, Appendix I-C

 Proc. Section Orthopaedic Surgery, Comm. Surgery, NRCC 9 Dec. 1944

 Appendix II-B
- 7. Observations of low back disorders.
 War Dept., Amer. Med. Soc., ETO 28 July, 1943
- 8. Occurrence and treatment of "sciatica" arising from ruptured intervertebral disc in RAF and other military personnel. C.P.Symonds.

 Comm. Aviation Med. report #45
- 9. Opinions on care of men in active service who develop rupture of intervertebral disc.

 McKenzie, Mixter, and Cone

 Min. Comm. Surg., NRCC Mar. 27, 1942, Appendix A
- 10. Plan for examination of patients suffering from low back pain.
 G. M. Dale
 Proc. Section Orthopaedic Surgery, Comm. Surgery, NRCC 9 Dec.
 1944, Appendix II A
- 11. Post-operative regime for cases of ruptured intervertebral disc.
 R.G.Love
 Comm. Aviation Med., Report #45 (Suppl.#2)

- 12. Problems relating to treatment (intervertebral disc).

 Proc. Section Orthopaedic Surgery, Comm. Surgery, NRCC 9 Dec. 1944.
- 13. Prolapsed intervertebral discs.

 Min. Comm. Nerve Injuries, MRC (orig.) P.N.I. 30, June 10, 1942
- 14. Protruded intervertebral disc.

 Proc. Section <u>Traumatic Injuries Nervous System</u>, Comm <u>Surgery</u>,

 NRCC 9 Dec. 1944, Appendix I-A
- 15. Protruded intervertebral disc. (Final draft).

 Proc. Section <u>Traumatic Injuries Nervous System</u>, Comm. <u>Surgery</u>,

 NRCC 10 Feb. 1945, Appendix I*I
- 16. Report of combined meeting of the Section of Orthopedic Surgery and the Section of Neurology, NRCC. (Ruptured intervertebral disc, low back pain and sciatica.)

 Misc. Canadian Report #97 9 Dec. 1944
- 17. Results of surgical treatment of sciatica due to herniation of intervertebral disc in Canadian soldiers overses.

 Botterell, Keith, and Stewart

 Proc. Comm. Surgery, NRCC (Section on Traum. Inj. Nervous System)

 16 Mar. 1944, Appendix I-A
- 18. Role of the X-ray in the diagnosis of herniation of the intervertebral disc.

 A. E. Childe

 Proc. Section on <u>Traum</u>. <u>Inj</u>. <u>Nervous System</u>, Comm. <u>Surgery</u>, NRCC 24 Apr. 1944, Appendix A
- 19. Sciatica follow-up results of operation for prolapsed intervertebral disc.

 Report, Comm. Nerve Injuries, MRC PNI 66(a), undated (rec'd NRC-CMR, 23 Mar. 1944)
- 20. Summary of follow-up study on 400 cases of ruptured intervertebral disc subjected to operation. R.G.Spurline.

 Comm. Aviation Med., Report #45 (Supp. #1)
- 21. War surgery in Britian.
 R. I. Harris
 Proc. Comm. Surgery, NRCC 2 Dec. 1943, Appendix A

XXXIX. INSULATION

- Appendix to report on a new instrument for the measurement of the velocity of random air movement and of the thermal insulation of the air.
 Burton, Macdougall and Bazett Proc. Assoc. Comm. Aviation Med. Research - 22 July 1943, Appendix I, Report #1
- 2. Cases for bag, sleeping, mountain, standard and experimental items. Moisture disposition and thermal insulation. W. R. Christensen and A. M. Galligan War Dept., OQMG, Climatic Research Lab. Report "114 - 15 Mar. 1944
- 3. Cold weather trials of clothing and equipage, 1944. Wet cold area. Equipment, tents, sleeping bags, cookers.

 Canadian Dept., Nat'l. Defence, Cold Weather Trials Report 1944 Stage 2, Volume 9, undated (rec'd NRC-CMR, 9 March 1945)
- 4. Effect of heat reflecting walls in the barracks hut, on the comfort of occupants and on fuel consumption.
 A. C. Burton and C. H. Fitton
 Misc. Canadian Report #131 10 May 1945
- 5. First report of the Habitability Mission to the Eastern Fleet 1944. Appendices.

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(j), undated (rec'd NRC-CMR 23 Oct. 1945)
- 6. German insulated food cans, 1941 and 1943.
 War Dept., OQMG, Captured Enemy Equip. Report #69 6 Oct. 1944
- 7. German wire cutters, small. German wire cutters, large (made in 1939).
 War Dept., OQMG, Captured Enemy Equip. Report #38 31 March 1945
- 8. Japanese insulated canteen cover.
 War Dept., OQMG, Captured Enemy Equip. Report #65 16 Oct. 1944.
- 9. Japanese insulated mess kit cover.
 War Dept., OQMG, Captured Enemy Equip. Report #18 26 Sept. 1944
- Second report of the habitability mission on H.M. ships serving in the tropics, August 1944 March 1945.
 E. A. Brokensha and H. E. Holling
 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/221, July 1945
- 12. Turret ventilation. Progress report.

 Report, Subcomm. Gunnery, RNPRC, MRC RNP 44/155, undated (rec'd NRC-CMR 17 Jan. 1945)

XL. INTESTINAL GASES

- 1. Abdominal gas.
 Blair, Bates, and Fenn.
 CAM Report #125 January 25, 1943.
- 2. Abdominal gas.
 Final report, OEMcmr-306.
 H. A. Blair.
 CAM Report #349 30 July 1944.
- 3. Abdominal gas. Progress report, OEMcmr 306.
 Blair, Dern, and Fenn.
 CAM report #193 7 Oct., 1943.
- 4. Air evacuation intestinal gas volumes at altitude.
 Peterson, Kent, and Ripley.
 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. IV Appendix G, and Vol. I.
- 5. Air evacuation the problem of gas in the pleural cavity and the lumen of the bowel.
 E. W. Peterson.
 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. IV Appendix D and Vol. 1.
- 6. Decompression and abdominal distension.

 Russell Waud and Ward Smith.

 Misc. Canadian Aviation Report #35 undated.
- 7. Effectiveness of a high carbohydrate diet in raising the ceiling of men under the conditions of anoxia.

 Ivy, Friedemann, and Grodins.

 CAM Report #329 undated (rec'd NRC-CMR 23 August 1944).
- 8. Effect of altitude on gastrointestinal motility.
 F. E. McDonough
 War Dept., Air Forces, Randolph Field 155(1) 20 Sept., 1943.
- 9. Effect of succinylsulfathiazole on the volume of intestinal gas in normal young men.
 W. O. Abbott
 CAM report #257 2 Feb. 1944.
- 10. Effects of high altitude flight other than those due to oxygen lack; what they are and how to manage them. Preliminary report, OFMcmr-36.

 Ferris, Engel, Webb, and Blankenhorn.

 Filed with: Reports, Comm. Decompression Sickness 30 July 1943.

Intestinal Gases

- 12. Memorandum on intestinal gas, from the Subcommittee on Medical Nutrition. J. S. McLester.
 C. A. M. report #59, 7/14/42.
- 13. Protective effects of preoxygenation with respect to abdominal gas pain resulting from decompression to 38,000 feet: OEMcmr-196. F. M. Henry et al. CAM Report #353 1 Sept. 1944.
- 14. Roentgenographic observations on the amount and distribution of intestinal gas at altitude relation to abdominal symptoms.
 F. E. McDonough
 War Dept., Air Forces, Randolph Field #193 (1) 1 Nov., 1943.

XLI. MOTION SICKNESS

A. Hyoscine

XLI. MOTION SICKNESS

- Acclimatization to swing sickness.
 G. W. Manning.
 Proc. Assoc. Comm. Aviation Med. Research 25 Feb. 1944,
 Appendix F.
- Adaption to flying motion by airsick aviation.students.
 A. Hemingway.
 War Dept., Air Forces, Randolph Field, No. 170(4)
 Dec., 1942.
- Aero-medical exploitation, Germany 1945.
 W. F. Sheeley.
 War Dept., Air Forces, Misc. 1 Feb. 1945 to 15 Oct. 1945.
- 4. Airsickness and vestibular sensitivity as related to learning to fly. G. R. Wendt. Comm. Selection & Training Aircraft Pilots - Prog. Report, Sept., 1940.
- 5. Air sickness causes and prevention.
 E. G. Reinartz.
 War Dept., Air Forces, Randolph Field No. 138 (1) undated (rec'd NRC-CMR 1 Oct. 1946).
- 6. Airsickness during an airborne infantry maneuver. F. E. McDonough
 CAL report No. 102, November 16, 1942.
- 7. Airsickness in gliders.
 J. Park
 FPRC report No. 510.
- 8. Air sickness in Hotspur gliders (6 passengers). Reports from Airborne Forces Establishment Rignway.

 Report F.P.R.C. No. 382 (WAM88-5) undated.
- 9. Airsickness in military aviation. Summary report No. 2.
 War Dept., Air Forces, Misc. undated (rec'd NRC-CLR 21 Mar. 1946).
- 10. Airsickness in navigation training.
 F. E. McDonough.
 War Dept., Air Forces, Randolph Field No. 165 (1) July 5, 1943.
- 11. Airsickness in the airborne infantry.

 F. E. McDonough

 CAM report No. 103, November 27, 1942.
- 12. Airsickness in the airborne infantry.

 F. L. McDonough
 War Dept., Air Forces, Randolph Field No. 95 (2) 27 Nov. 1942.
- 13. Air transport of casualties. (<u>Deutsch, Mil. Arzt.</u> vol. 5, pp. 7-10, 1940. Abstract, <u>Luftfahrtmedizin</u>, vol. 6, No. 2/3, p. 279, 1942).

 F. Schmidt
 German File.

- 14. Analysis of Dr. David B. Tyler's experiments on motion sickness remedies, by individual boats, June 1 December 5, 1944.

 Margaret Merrell.

 CAM Report No. 408 Jan. 1945.
- 15. Analysis of the forces encountered on the simple swing used in the study of motion sickness.
 A. Cipriani.
 Proc. Comm. Seasickness. NRCC November 27, 1942. Appendix C.
- 16. Apparatus for investigating visual reactions in relation to airsickness. P. C. Livingston. F.P.R.C. report No. 462.
- 17. Apparatus for measuring the onset of sweating during the development of motion sickness.

 Allan Hemingway.

 CAM Report No. 100 November 5, 1942.
- 18. Attempts to find a remedy superior to hyoscine for motion sickness.

 P. K. Smith.

 War Dept., Air Forces, Randolph Field No. 333(1) 24 Aug. 1945.
- 19. Barbiturates affecting motion sickness and gastric secretions.
 R. L. Noble.
 Proc. Assoc. Comm. Army Med. Research, NRCC 7-8 Dec. 1945,
 Vol. 5, Appendix H.
- 20. Barbiturates and motion sickness.

 R. L. Noble.

 Proc. Assoc. Comm. Army Med. Research, MRCC 27 April 1945,
 Vol. 2, Appendix G.
- 21. Bibliography of airsickness and seasickness.
 Anenymous
 CALL report No. 82 November, 1942.
- 22. Bibliography of airsickness and sca sickness, 1. 2. Bibliography of labyrinthine studies in relation to motion sickness. 2. List of reports of F.P.R.C. and N.R.C., Canada, in relation to motion sickness up to September, 1942. Supplement, up to September 27, 1942.

 CAM report No. 82 and Supplement.
- 23. Bibliography of aviation medicine. Supplement.
 Hoff, Hoff and Fulton.
 Special CAM Report 1944.
- 24. Blood chemistry studies in motion sickness.

 Fields, Meakins, and McEachern

 Proc. Conf. Motion Sickness August 28, 1942, Appendix E

Motion Sickness

- 25. Caloric vestibular tests in relation to susceptibility to motion sickness.

 Morton, McNally, and Stuart.

 Proc. Conf. Motion Sickness August 28, 1941, Appendix H.
- 26. Changes of cerebrospinal fluid pressure during acceleration in the human (Motion sickness).
 Cipriani, Morton, and McEachern
 Proc. Conf. Motion Sickness August 28, 1942, Appendix N.
- 27. Choline esterase activity in relation to airsickness. (Summary only).
 G. W. Manning.
 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix F. Report No. 9.
- 28. Clinical drug trials V-1, Drug X, Vasano (Second report).

 Fields, Campbell, and Penfield.

 Proc. Comm. Seasickness, NRCC November 27, 1942, Appendix E.
- 29. Comparison of the efficacy of motion sickness preventative, Army
 Development Type, seasickness remedy, R.C.N. type, ND 0.6 mg.
 of hyoscine in preventing seasickness during landing craft operations.
 D. B. Tyler.
 CAM Report No. 300 20 April, 1944.
- 30. Compendium of aviation medicine.
 Siegfried Ruff and Hubertus Strughold.
 Special CALL Report 1942.
- 31. Conference and tests at the centrifuge of the Mayo Aero Medical Unit. G. L. Maison.
 War Dept., Air Forces, ANG-49-696-11Y, April 24, 1943.
- 32. Correlation between swing sickness and air sickness.
 LcIntyre and Gardiner.
 Report, Comm. Flying Personnel Research, RAAF FR 67, undeted
 (rec'd NRC-CLR 1 Aug. 1944).
- 35. Correlation between swing sickness and air sickness and history of motion sickness.J. Park.FPRC report No. 485 August 24, 1942.
- 34. Correlation of swing sickness with airsickness.
 A. M. Joekes
 F.P.R.C. report No. 475.
- 25. Cortical activity in airsick personnel.
 M. V. Thorner
 War Dept., Randolph Field No. 169 (1) July 24, 1942.

- 26. Cross-check comparison of swings and rocker in producing motion sickness.

 W. S. Fields and B. A. Campbell.

 Proc. Comm. Seasickness. NRCC March 24, 1942. Appendix C.
- Differences in susceptibility to motion sickness in dogs and the effect of treatment with barbiturates.
 R. L. Noble.
 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1942, Vol. VIII, Appendix D. and Vol. I.
- 28. Drug trials with Combination A, Combination H and Vasano.

 W. S. Fields.

 Proc. Comm. Seasickness, NRCC March 24, 1942, Appendix B.
- Effectiveness of some motion sickness remedies in preventing airsickness in navigation students.
 P. K. Smith.
 War Dept., Air Forces, Randolph Field No. 261(2)-18 Jan. 1945.
- 40. Effectiveness of some motion sickness remedies in preventing air sickness (preliminary report).
 P. K. Smith.
 War Dept., Air Forces, Randolph Field, Project 261, report No. 1, 30 June. 1944.
- 41. Effect of active vestibular training on motion sickness.

 Gibson, Manning and Kirkpatrick

 Proc. Assoc. Comm. Aviation Med. Research 25 Feb. 1944, Appendix C.
- 42. Effect of active vestibular training on motion sickness. (Summary only). Gibson, Manning, and Kirkpatrick.

 Proc. Conf. Motion Sickness, NRCC 16 June, 1943, Appendix I.
- 43. Effect of anti-malarial drugs on susceptibility to motion.

 Report, Comm, Flying Personnel Research, RAAF FR 73, undated (rec'd NRC-CAR 1 Aug. 1944).
- 44. Effect of barbital on swing sickness.
 Allan Hemingway and P. K. Smith.
 War Dept., Randolph Field Report 104(1), January 9, 1943.
- 45. Effect of benzedrine on swing sickness.
 P. K. Smith
 War Dept., Air Forces, Randolph Field No. 117(1) 9 Aug. 1943.
- 46. Effect of cortical-inhibitory drugs and the effect of decortication in dogs susceptible to motion sickness.
 B. P. Babkin and M. Schachter
 Proc. Assoc. Comm. Naval Med. Research 7 Oct. 1943, Appendix R.

- 47. Effect of cortical inhibitory drugs and the effect of decortication in dogs susceptible to motion sickness.
 B. P. Babkin.
 Proc. Assoc. Comm. Naval Med. Research 15 May 1944. Appendix A.
- 48. Effect of environmental temperature on motion sickness.

 A. Hemingway.

 War Dept., Air Forces, Randolph Field, No. 170(2) 2 Nov., 1942.
- 49. Effect of head position on susceptibility to motion sickness.

 A. K. McIntyre.

 Report, Comm. Flying Personnel Research, FPRC, RAAF FR 86,

 Nov. 1943.
- 50. Effect of labyrinthectomy on motion sickness in animals.

 McNally, Stuart, and Morton.

 Proc. Conf. Motion Sickness August 28, 1942, Appendix M.
- 51. Effect of length of time of the crouching position on the incidence of motion sickness in ship-to-shore operations. OELlcmr-282.

 D. B. Tyler.

 CAL Report No. 394 18 Sept., 1944.
- 52. Effect of motion sickness preventive, army development type, and seasickness remedy, RCN type, on marksmanship.
 D. B. Tyler.
 CALI Report No. 236 1 April, 1944.
- 52. Effect of position on the incidence of swing sickness.
 G. W. Manning and W. G. Stewart
 Proc. Exec., Assoc. Comm. Aviation Med. Research April 18, 1942, Appendix F.
- 54. Effect of position on the incidence of swing sickness.

 Howlett, Wardill, and Brett.

 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943,

 Appendix F, Report No. 4.
- 55. Effect of position on the incidence of swing sickness. (Summary only).
 G. W. Manning and W. G. Stewart.

 Proc. Assoc. Comm. Aviation Med. Research, 22 July, 1945, Appendix
 F. Report No. 8.
- 56. Effect of position on the incidence of swing sickness (supplementary report).

 Howlett, Wardill, and Brett.

 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943,
 Appendix F. Report No. 5.
- 57. Effect of pyridoxine hydrochloride on swing sickness.
 P. K. Smith.
 War Dept., Air Forces, Randolph Field No. 333(2) 24 August, 1945.

- 58. Effect of sodium bromide, and sodium bromide in combination with Drug 61, in motion sick dogs.

 B. P. Babkin and M. Schachter.

 Proc. Assoc. Comm. Naval Med. Research 7 Oct. 1943, Appendix N-4.
- 59. Effect of swinging on the motility of the stomach in dogs.

 B. P. Babkin and M. B. Bornstein.

 Proc. Assoc. Comm. Naval Med. Research 7 Oct. 1942, Appendix N-2.
- 60. Effect of thiamine chloride on swing sickness.

 P. K. Smith

 War Dept., Air Forces, Randolph Field No. 142(1) 10 Aug. 1943.
- 61. Effect of tilting the head back on the incidence of sickness on the 4-pole swing. (Summary only.)
 W. G. Stewart and G. W. Manning.
 Proc. Assoc. Comm. Aviation Med. Research, 22 July, 1943,
 Appendix F, Report No. 7 (Vol. 1).
- 62. Effect of U. S. Army development type motion sickness preventive on swing sickness.
 Allan Hemingway.
 War Dept., Air Forces, Randolph Field No. 198 (1) 8 Nov., 1943.
- 63. Effect of variation in the radius (frequency of maximal change in G) and the arc (quantity of maximal change in G) of the swing on the incidence of swing sickness.

 A. M. Fraser and G. W. Manning.

 Proc. Assoc. Comm. Aviation Med. Research 25 Feb., 1944, Appendix E.
- 64. Effect of Vasano on swing sickness.

 A. Hemingway and P. K. Smith.

 War Dept., Randolph Field Report 110 (1), March 2, 1943.
- 65. Effect of V-5 on swing sickness.
 P. K. Smith.
 War Dept.. Randolph Field No. 132 (1) April 8, 1943.
- 66. Effects of barbiturates on experimental motion sickness in dogs.
 R. L. Noble.
 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. VIII
 Appendix C, and Vol. 1.
- 67. Effects of barbiturates on gastric function.

 R. L. Noble.

 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944, Vol. III, Appendix I.
- 68. Effects of different types of motion on motion sickness in the dog.
 R. L. Noble.
 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944, Vol. III,
 Appendix D.

- 68. Effects of variation of time intervals between accelerations upon a sickness rates. Interim report, part I, OELemr-279.

 Alexander, Wendt et al.

 Filed with: Reports, Comm. Motion Sickness 15 April 1944.
- Effects on swing sickness and side effects of some atropine-like
 b. drugs.
 P. K. Smith
 War Dept., Air Forces, Randolph Field No. 297(1) 19 Jan. 1945.
- 69. Electroencephalography in relation to motion sickness in volunteers. H. H. Jasper and G. Morton. Proc. Conf. Motion Sickness - August 28, 1942, Appendix J.
- 70. Emotional factor in airsickness.
 W. H. Fraser
 Reports, FPRC-RAAF (orig.) FR 87, Apr. 1944.
- 71. Evaluation of a motion sickness questionnaire in predicting susceptibility to seasickness.

 Birren, Fisher, and Stormont.

 Naval Med. Research Inst. Project X-278(2), 15 Aug. 1944.
- 72. Evaluation of the potentiality of bulbocapnine as a motion sickness preventive.

 Birren, Stormont, and Pfeiffer.

 Naval Med. Research Inst. Project X-278 (2), 16 Aug. 1944.
- 73. Exercise OZONE (Jan. 29th and 30th, 1944.)
 Sharpe, Parker, and Fields.
 Filed with: Reports. Comm. Airborne Troops. MPRC 5 Feb. 1944.
- 74. Experimental studies of motion sickness.

 B. P. Babkin and S. Dworkin.

 Proc. Cont. Motion Sickness August 28, 1922, Appendix B.
- 75. Experimental studies on a susceptible individual.
 Motion Sickness.
 G. Morton and D. McEachern.
 Proc. Conf. Motion Sickness August 28, 1942, Appendix 0.
- 76. Experimental use of barbiturates in motion sickness. (Summary only).
 R. L. Noble.
 Proc. Conf. Motion Sickness, NRCC 16 June, 1943, Appendix N.
- 77. Experiments on the dosage of various agents used to prevent or modify seasickness.
 E. A. Sellers.
 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix D.
- 78. Failure of a vertical accelerator to produce motion sickness.
 G. W. Manning.
 Proc. Assoc. Comm. Aviation Med. Research 25 Feb. 1944, Appendix H.

- 79. Fitness for aircrew. A psychological and physiological survey of aircrew enlistments in the Royal New Zealand Air Force.

 New Zealand File Nov. 1944.
- 80. Further studies of effective accelerations on the simple swing.
 A. Cipriani
 Proc. Comm. Seasickness, NRCC Jan. 29, 1943, Appendix.
- 81. Further studies on the prediction of susceptibility to seasickness by a motion sickness questionnaire.

 J. E. Birren and M. B. Fisher.

 Naval Med. Research Inst. Project X-278(6), 8 Oct. 1945.
- 82. Further therapeutic trials with belladonna alkaloids.
 W. S. Fields.
 Proc. Conf. Motion Sickness. NRCC 16 June. 1943. Appendix L.
- 83. Hyperventilation in flying personnel.
 R. F. Rushmer and D. D. Bond.
 War Dept.. Air Forces, Randolph Field No. 162(1) 16 Sept.. 1943.
- 84. Improvements in design and construction of swing for testing individuals susceptible to motion sickness.

 Allan Hemingway.

 War Dept., Randolph Field Report 84(2), February 4, 1943.
- 85. Incidence of airsickness in cadets during their first ten flights.
 Allan Hemingway and E. L. Green.
 War Dept., Air Forces, Randolph Field No. 170(5) 29 Jan. 1945.
- 86. Incidence of swing sickness in eight categories of Army personnel.

 A. Hemingway.

 War Dept., Air Forces, Randolph Field No. 170 (1) 30 July, 1942.
- 87. Index of reports on airsickness and seasickness. (Available Sept. 27, 1942). With supplement to November 25, 1942.

 W. S. Fields.

 Proc. Comm. Seasickness, NRCC November 27, 1942, Appendix G.
- 88. Induced motion sickness in maval ratings.
 W. S. Fields.
 Proc. Conf. Motion Sickness August 28, 1942. Appendix D.
- 89. Influence of body position on the levels of abdominal viscera in relation to sea sickness.

 Donald Mainland.

 Min. Comm. Naval Med. Research. Jan. 28, 1942. Appendix C. NRCC.
- 90. Influence of physiologically effective doses of epinephrine on vestibularly induced nausea.

 R. M. Dorcus.

 Filed with: Reports, Div. Anthropology and Psychology, NRC, November, 1942.

- 91. Inquiry into circumstances favoring the occurrence of a series of fatal aircraft accidents attributed to an acute loss of orientation during night training missions.

 G. Hass.

 War Dept., Air Forces, Randolph Field No. 154(1), 30 September, 1943.
- 92. Interim report of investigations into airsickness in gliders. IV.

 Effect of repeated swinging on susceptibility to airsickness.

 J. W. Magladery.

 Report, Comm. Airborne Troops BPC 42/56 (c).
- 93. Interim report of progress on project N.M.I. (seasickness). Second interim report on same.

 B. P. Babkin.

 Min. Comm. Naval Med. Research, Jan. 28, 1942, Appendices A and B. N.R.C.C.
- 94. Interim report of seasickness alleviation trials (Indian troops) from G.H.Q., M.E.F., Sept. Oct. 1943.

 British War Office, Misc. Report No. 101 20 Oct. 1943.
- 95. Interim report on clinical investigations into air sickness.
 G. L. Brown, B. McArdle, and S. W. Magladery.
 Report F.P.R.C. No. 410-A.
- 96. Interim report on investigations into airsickness in gliders. II, III.

 Reports, Comm. Air Borne Troops BPC 42/56 a. b.
- 97. Interim report on investigations into airsickness in gliders.

 V. Effect of special physical training on susceptibility to motion sickness.

 J. W. Magladery

 Report, Comm. Airborne Troops, BPB 42/56 (d).
- 98. Interim report on the effects of certain sea sickness remedies on troops at sea.

 Holling, McArdle, and Trotter.

 Report, Comm. Airborne Troops BPC 42/105.
- 99. Interrogations of German personnel interested in German aviation.

 H. B. Burchell et al.

 War Dept., U. S. Strat. Air Forces in Europe, Misc. 15 Aug. 1945.
- 100. Investigation into the chemical factors concerned in the production of motion sickness.

 Best, Sellers, and Stephenson.

 Proc. Conf. Motion Sickness August 28, 1942, Appendix A.
- 101. Investigation into the relationship of the electroencephalogram to motion-sickness susceptibility.

 D. B. Lindsley and G. R. Wendt.

 Div. Anthropology and Psychology, NRC Dec. 1944, Appendix B.

- 102. Investigation of psychological disorders in flying personnel. The psychological aspects of airsickness.
 C. P. Symonds and Denis Williams.
 FPRC Report No. 592 Sept. 1944.
- 103. Investigations into the prevention of sea-sickness. A summary of previous reports.

 H. E. Holling and W. R. Trotter.
 Report, Comm. Airborne Troops, MPRC-BPC 43/175, ABT 18, Feb. 3, 1943.
- 104. Investigations into sea sickness. An interim report on the effects of certain remedies on military efficiency.

 Holling, Trotter, and McArdle.

 Report, Comm. Airborne Troops BPC 42/89, July 22, 1942.
- 105. Investigations into air-sickness in gliders.

 J. W. Magladery
 Report, Comm. Air Borne Troops, ARC BPC 42/56.
- 106. Laboratory and clinical toxicity trials of V-12.

 J. M. Parker.

 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945,

 Appendix N.
- 107. Mechanical drive for the simple swing used in the study of motion sickness.

 A. Cipriani.

 Proc. Comm. Sessickness, NRCC November 27, 1942. Appendix B.
- 108. Memorandum on prevention of sickness in airborne troops.
 Report F.P.R.C. No. 296.
- 109. Montreal motion sickness machine.

 A. Cipriani and D. McEachern.

 Proc. Conf. Motion Sickness August 28, 1942, Appendix P.
- 110. Motion sickness.

 R. L. Noble.

 Proc. Assoc. Comm. Army Med. Research, NRCC 10-11 Nov. 1944,

 Vol. 5, Appendix K.
- 111. Motion sickness among air crew personnel.

 A. Hemingway.

 War Dept., Kandolph Field Report 126 (1). March 3, 1943.
- 112. Motion sickness and physiological problems peculiar to parachutists and other airborne troops. Final report, OEMcmr-282.

 D.B. Tyler.

 Filed with: Reports, Comm. Motion Sickness 31 May 1946.
- 112. Motion sickness animal experiments. Preliminary report V-1.
 Proc. Comm. Seasickness, NRCC November 27, 1942, Appendix F-4.

- 114. Motion sickness history and results of the swing test of one hundred and seven (107) airsick eliminees from flight training.
 A. Hemingway.
 War Dept., Air Forces, Randolph Field 170 (2) 7 Sept. 1943.
- 115. Motion sickness in cats treated by barbiturate derivatives.
 R. L. Noble.
 Proc. Conf. Motion Sickness August 28, 1942, Appendix C.
- 116. Motion sickness, present status of research.

 A. K. McIntyre.

 Report, Comm. Flying Personnel Research, RAAF FR 91. June 1944.
- 117. Motion sickness preventives.

 H. M. C. Luykx.

 CAM Report No. 306 26 April, 1944.
- 118. Motion sickness preventives report No. I.

 H. M. C. Luykx

 Proc. Assoc. Comm. Naval Med. Research 15 May, 1944, Appendix E.
- 119. Motion sickness preventives report No. II.

 Proc. Assoc. Comm. Naval Med. Research 15 May, 1944, Appendix E1
- 120. Motion sickness studies at H.M.C.S. "York".

 J. M. Parker.

 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945.

 Appendix O.
- 121. Motion sickness studies. Progress report.
 Wilder Penfield.
 Canadian Aviation Med. Report No. 115 (C 714).
- 122. Motion sickness study. Final progress report, OEMcmr-414.
 W. J. Kerr.
 Special CAL Report 12 Jan. 1945.
- 123. Motion sickness therapeutic trials with humans. Progress report.

 Sellers, Parker, and Stephenson,

 Proc. Comm. Seasickness, NRCC November 27, 1942, Appendix F.
- 124. Note on an unsuccessful effort to investigate the effects of temperature on vestibularly induced nausea.

 G. R. Wendt.

 Div. Anthropology and Psychology, NRC Dec. 1944, Appendix C.
- 125. Notes on air-sickness.

 F/Lt. McIntyre.

 F.P.R.C. report No. 258-i.
- 126. Observation of seasickness trials off U.S. Pacific Coast.
 W. S. Fields.
 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945.
 Appendix P.

- 127. Observations on men highly susceptible to seasickness with remarks on periodic motion of ships.

 J. E. Birren and M. F. Morales.

 Naval Med. Research Inst. Project X-278(5), 17 July 1945.
- 128. Observations on the ability to predict syncope in subjects given nitrite on the tilt table. OEMcmr-20.
 G. C. Ham and J. L. Patterson.
 CAM Report No. 129 June 8, 1943.
- 129. Observations on the correlation of swing sickness and seasickness.

 Holling, McArdle and Trotter.

 Report. Comm. Airborne Troops BPC 42/110.
- 130. Observations on the pathology of airsickness.

 C. S. Hallpike and G. M. Fitzgerald.

 Report F.P.R.C. No. 334, July 1941.
- 131. Organisation of swing-testing in Initial Training Schools.

 Min. Comm. Motion Sickness Investigation, FPRC, RAAF FR 48,
 23 June 1947, Appendix A.
- 132. Overventilation in subjects during the swing test.
 R. F. Rushmer.
 War Dept., Randolph Field No. 133(1) May 1, 1943.
- 132. Pharmacological studies on barbiturates used for experimental motion sickness.

 R. L. Noble.

 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. VIII Appendix A, and Vol. I.
- 134. Physiological investigation of causes and nature of motion sickness.
 Final report, Ohmcmr-257.
 Philip Bard.
 CAM Report No. 485 30 Sept. 1945.
- 125. Possible effects of small daily doses of sulfadiazine on flying personnel.
 P. A. Campbell
 War Dept., Air Forces, Randolph Field No. 293(1) 29 July, 1944.
- 136. Preliminary report on the study of airsickness.

 Maj. P. A. Campbell.

 Proc. Comm. Seasickness, NRCC Nov. 27, 1942. Appendix D-4.
- 137. I. Preliminary studies on the efficiency of V-12 preparations and prostigmin preparations in preventing seasickness during ship-to-shore operations. II. The effect of administration of 4 gr. of V-12 on rapid fire marksmanship. OEMcmr-282.

 D. B. Tyler.

 CAM Report No. 323 15 June. 1944.

- 138. Preliminary study of the effect of mild anoxia upon the incidence of swing sickness.
 A. M. Fraser
 Proc. Exec. Assoc. Comm. Aviation Med. Research 22 March, 1944, Appendix D.
- 139. Preliminary therapeutic experiments. Motion sickness.
 W. S. Fields and W. Penfield.
 Proc. Conf. Motion Sickness August 28, 1942, Appendix F.
- 140. Present status of drug therapy in motion sickness. Summary of the literature.

 W. H. Fraser
 Report, Comm. Flying Personnel Research, RAAF FR 79, undated (rec'd NRC-CAR 1 Aug., 1944).
- 141. Prevention of experimental motion sickness in animals.
 R. L. Noble.
 Proc. Comm. Seasickness, NRCC November 27, 1942, Appendix A.
- 142. Prevention of motion (air) sickness in airborne troops: I. Experience with hyoscine and motion sickness preventive, Army development type, in personnel flown in Army transport planes.
 D. I. Littauer and M. H. Bruger.
 War Dept., S.G.O. undated (rec'd NRC.-CMR 10 Mar, 1944).
- 143. Prevention of motion sickness in experimental animals by treatment with VI. Summary of results to October 14, 1942.
 R. L. Noble.
 Canadian Aviation Report No. 116.
- 144. Production of motion sickness by swinging in the prone position.

 C. A. Maaske.

 War Dept., Air Forces, ENG-49-696-44 June 30, 1943.
- 145. Psychiatric analysis of forty (40) subjects made sick by a swing.
 D. D. Bond.
 War Dept., Air Forces, Randolph Field No. 149(1) 31 July, 1943.
- 146. Psycho-somatic approach to disabilities in S.A.A.F. flying personnel.

 Analysis of Central Medical Establishment Disability Boards (1.9.41 31.8.44).

 A. B. J. Plaut.

 South African Report No. 28 20 March, 1945.
- 147. Rabellon, hyoscyamine, Vasano. (Further therapeutic trials and notes of side effects on the performance of ordinary tasks.)

 Fields, Campbell, Penfield, and Kershman.

 Proc. Comm. Seasickness, NRCC March 24, 1943, Appendix A.
- 148. Reactions to neostigmine and apomorphine as indication of susceptibility to seasickness.
 Birren, Stormont and Pfeiffer.
 Naval Med. Research Inst. Project X-278(4), 26 Feb. 1945.

- 149. Reasons for washouts among student pilots in the joint air training program.

 J. E. Goodwin.

 Min. Assoc. Comm. Aviation Med. Research, Sept. 18, 1941.

 Appendix K.
- Recommendation for further investigation to be carried on in solving the problem of motion sickness.
 W. J. McNally.
 Proc. Assoc. Comm. Naval Med. Research 15 May, 1944, Appendix B.
- 151. Regulation barany and swing tests in navigation cadets.

 F. E. McDonough and M. W. Thorner.

 War Dept., Air Forces, Randolph Field No. 100 (1) December 23, 1942.
- 152. Relationship of chemical structure of barbiturates to their effects on motion sickness.
 R. L. Noble.
 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. VIII Appendix E and Vol. I.
- 153. Reliability of the swing test of motion sickness.

 H. H. Jasper et al.

 Proc. Assoc. Comm. Naval Med. Research 7 Oct. 1943, Appendix N-2.
- 154. Remedies for seasickness. A further interim report.

 H. E. Holling and W. R. Trotter, with Appendix by F. C. McIntosh.

 Report. Comm. Airborne Troops. MPRC-BPC 42/171, undated.
- 155. Remedies for sea-sickness and air-sickness.
 L. J. Witts.
 F.P.R.C. report No. 318 July, 1941.
- 156. Report from A.M.D. 8 to the Associate Committee on Army Medical Research. (Review of Army medical research and development work during 1944).

 D. S. McFachern
 Proc. Assoc. Comm. Med. Research, NRCC 17 March 1945, Appendix A.
- 157. Report of Subcommittee on Seasickness.

 W. Penfield, Chairman.

 Proc. Assoc. Comm. Naval Med. Research January 30, 1943,

 Appendix A.
- 158. Report of trials of seasickness remedies on board Canadian Army transport SS "Lady Rodney". (Halifax to St. John's, Newfoundland, and return, December 3rd to December 9th, 1943).

 J. M. Parker
 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix F.
- 159. Report on a visit to coastal forces. Conditions on motor torpedo and other small boats. Report, Royal Naval Personnel Research Comm., MRC RNP $\frac{43/2}{2}$, 13 Jan. 1943.

- 160. Report on sea trials with R.C.N. experimental sea sickness remedy No. 1.
 Parker, Fields, Sellers and Best.
 Proc. Assoc. Comm. Naval Med. Research 7 Oct. 1943. Appendix N-1.
- 161. Report on airsickness.

 G. E. Hall and A. H. Sellers

 Min. Exec., Assoc. Comm. Aviation Med. Research NRCC Feb. 14, 1942, Appendix J.
- 162. Report on correlation between swing-sickness and air-sickness.

 A. B. Hill.

 Report. Comm. Airborne Troops, MRC BPC 42/57/ABT 8, June 5, 1942.
- 162. Report on problem of air sickness in parachute troops. Medical aspects of selection and training of parachute troops.

 R. H. Winfield.

 Reports, F.P.R.C. No. 277, 277A, Mch. 27, '41.
- 164. Report on project med 14. Part II. Effects of barbiturates on experimental motion sickness including pharmacological studies. R. L. Noble. Miscellaneous Canadian Report No. 25.
- 165. Report on the toxicity of V-12.

 R. L. Noble.

 Proc. Assoc. Comm. Army Med. Research NRCC 10-11 Nov. 1944,

 Vol. 5, Appendix L.
- 166. Report on trials of seasickness remedies conducted in the United Kingdom.

 J. M. Parker and W. S. Fields.

 Proc. Assoc. Comm. Naval Med. Research 15 May 1944. Appendix G.
- 167. Reports of work done under the Subcommittee on Personnel Selection of the Associate Committee on Aviation Medical Research.

 12 reports.

 Proc. Conf. Motion Sickness August 28, 1942, Appendix R.
- 168. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.

 H. E. Whittingham.

 FPRC Report No. 651 5 Mar. 1946.
- 169. Results of comparative tests of motion sickness remedies.

 Misc. Canadian Report No. 151 10 Feb. 1944.
- 170. Results on 500 swing tests for investigating motion sickness.
 Allan Hemingway.
 CALI report No. 101 November 16, 1942.
- 171. Roentgenographic studies of gastrointestinal motility observed in swing test subjects.
 F. E. McDonough.
 War Dept., Air Forces, Randolph Field No. 102(2) 15 July, 1943.

. .

- 172. Roentgenographic studies of gastrointestinal motility observed in swing test subjects.

 F. E. McDonough

 War Dept.. Air Forces. Randolph Field No. 102(1) December 31, 1942.
- 172. Second approach to the problem of the effects of variation of time intervals between accelerations upon sickness rates. Interim report, part II, OEMcmr-279.

 Alexander, Wendt et al.

 Filed with: Reports, Comm. Motion Sickness 17 April, 1944.
- 174. Side effects of three motion sickness preventives.

 Birren, Stormont and Fisher.

 Naval Med. Research Inst., Project X-278, report No. 1, 26 June 1944.
- 175. Some accelerometer recordings in an aircraft (Anson).

 B. R. Brown and J. G. Howlett

 Proc. Assoc. Comm. Aviation Med. Research 22 July, 1943,
 Appendix F, Report No. 2.
- 176. Special conference on seasickness remedies Boston.
 G. R. Wendt.
 Proc. Assoc. Comm. Naval Med. Research 15 May, 1944, Appendix C.
- 177. Speculation on the mechanism of utricular response to stimulation in motion sickness.

 J. G. Howlett and J. R. Brett.

 Proc. Assoc. Comm. Aviation Med. Research, 22 July, 1943,
 Appendix F, Report No. 6.
- 178. Studies and experimental investigations in connection with the prevention and treatment of motion sickness. Final report, OEMcmr-267.
 E. Speigel.
 Filed with: Reports, Comm. Motion Sickness, 30 September, 1943.
- 179. Studies in motion sickness Series B. I. Frequency of susceptibility to motion sickness among young adults. II. Air-sickness among one hundred eighty-nine airline stewardesses and its relationship to previous history of motion sickness. III. Airsickness among seventy-one student pilots and fifteen instructors and its relationship to previous history of motion sickness.

 G. R. Wendt and A. D. Tuttle.

 Div. Anthropology and Psychology, NRC April 1946.
- 180. Studies of blood gases in animals. Motion sickness.

 Meakins, Morton, and McEachern.

 Proc. Conf. Motion Sickness August 28, 1942, Appendix L.
- 181. Studies of blood pressure, electrocardiograms, and respiratory tracings in volunteers. Motion sickness.

 A. Cipriani and G. Morton.

 Proc. Conf. Motion Sickness August 28, 1942, Appendix I.

- 182. Studies of motion sickness: VIII. Descriptions of apparatus at Wesleyan University and at the University of Rochester. Final report, Ohmemr-524.

 Grosser, Hill and Wendt.

 Filed with: Reports, Comm. Motion Sickness undated (rec'd NRC-CMR 17 Apr. 1946).
- 183. Studies of motion sickness: IX. The prediction of airsickness and of laboratory motion sickness by means of a personal history question-naire. Final report, OEMcmr-524.

 Cotzin, Hill and Wendt.

 Filed with: Reports, Comm. Motion Sickness undated (rec'd NRC-CMR 17 Apr. 1946).
- 184. Studies of motion sickness: X. Experimental proof that aviation cadets tell the truth on motion sickness history questionnaire. Final report, OEMcmr-524.

 S. J. Alexander et al.
 Filed with: Reports, Comm. Motion Sickness undated (rec'd MRC-CAR 17 April, 1946).
- 185. Studies of motion sickness: XI. The test-retest reliability of a motion sickness history questionnaire. Final report, OEMcmr-524. G. R. Wendt. Filed with: Reports, Comm. Motion Sickness undeted (rec'd NRC-CNR 17 Apr. 1946).
- Studies of motion sickness: XII. Frequency of airsickness in pilots during elementary and primary naval flight training. Final report, OEMcmr-524.
 G. R. Wendt.
 Filed with: Reports, Comm. Motion Sickness undated (rec'd NRC-CMR 17 Apr. 1946).
- 187. Studies of motion sickness: XIII. The effects of sickness upon rifle target shooting. Final report, OEMcmr-524.

 S. J. Alexander et al.
 Filed with: Reports, Comm. Motion Sickness undated (rec'd NRC-CMR 17 Apr. 1946).
- 188. Studies of motion sickness: XIV. Subjective reports of the apparent path of motion on a vertical accelerator. Final report, OEMcmr-524. Cotzin, Hill and Wendt.

 Filed with: Reports, Comm. Motion Sickness undated (rec'd NRC-CMR 17 Apr. 1946).
- 189. Studies of motion sickness: XV. A study of the time required to produce vomiting by wave motion. Final report, OEMcmr-524.

 S. J. Alexander et al.

 Filed with: Reports, Comm. Motion Sickness undated (rec'd NRC-CLR 17 Apr. 1946).

- 190. Studies of motion sickness: XVI. The effects upon sickness rates of waves of various frequencies but identical acceleration.

 S. J. Alexander et al.

 Filed with: Reports, Comm. Motion Sickness undated (rec'd NRC-CAR 17 Apr. 1946).
- 191. Studies of motion sickness: XVII. Miscellaneous data and listing of uncompleted studies. Final report, OEMcmr-524.

 G. R. Wendt.
 Filed with: Reports, Comm. Motion Sickness undated (rec'd NRC-CMR 17 Apr. 1946).
- 192. Studies of motion sickness: XVII. Miscellaneous data and listing of uncompleted studies. Final report, OEMcmr-524.
 G. R. Wendt.
 Filed with: Reports, Comm. Motion Sickness undated (rec'd NRC-CMR 17 Apr. 1946).
- 193. Study of seasickness and other forms of motion sickness.

 Donald McEachern.

 Min. Comm. Naval Med. Research, Jan. 28, 1942, Appendix F., N.R.C.C.
- Study of the emotional factors involved in a group of thirty (30) consecutive Navigation cadets in the process of elimination for severe airsickness.
 D. D. Bond.
 War Dept., Air Forces, Randolph Field Report No. 126 (1) April 17, 1943.
- 195. Study of the subjective effects of small doses of benzedrine sulphate on individuals susceptible and those non-susceptible to motion sickness, including observations on psychogenic symptoms.

 G. R. Wendt.

 Div. Anthropology and Psychology, NRC Dec. 1944, Appendix A.
- 196. Summary of motion sickness studies by swing testing.

 B. A. Campbell.

 Proc. Comm. Seasickness. NRCC November 27, 1942, Appendix D.
- 197. Summary of reports presented to Committee on Motion Sickness on September 9, 1942.
 D. McEachern and Peter Lehmann.
 Proc. Conf. Motion Sickness August 28, 1942, Appendix Q.
- 198. Summary of tests conducted at Camp Borden for side effects of barbiturates on humans.

 R. L. Noble.

 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. VIII Appendix B, and Vol. I.
- 199. Summary of the findings of the studies on motion sickness, fatigue and prolonged wakefulness. OEMcmr-282.

 D, B. Tyler.
 CAM Report No. 505 15 Dec. 1945.

- 200. Susceptibility of animals to induced motion sickness.
 G. Morton
 Proc. Conf. Motion Sickness August 28, 1942. Appendix K.
- 201. Susceptibility to motion sickness in volunteers.

 Morton, Cipriani, and McEachern.

 Proc. Conf. Motion Sickness August 28, 1942, Appendix G.
- 202. Swing Sickness and a history of motion sickness, (second report).

 Brown, Breet, and Howlett.

 Proc. Assoc. Comm. Aviation Med. Research 22 July 1943,
 Appendix F. Report No. 1.
- 203. Therapeutic studies on swing sickness in humans.

 Battista, Bornstein, and Noble.

 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. VIII

 Appendix F, and Vol. 1.
- 204. Therapeutic tests on motion sickness induced in humans on the swing.
 R. L. Noble.
 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944,
 Vol. III. Appendix C.
- 205. Therapeutic trials conducted in Montreal and Toronto.

 Parker, Fields, and Sellers.

 Proc. Conf. Motion Sickness, NRCC 16 June, 1942, Appendix M.
- 206. Therapeutic trials on naval ratings susceptible to motion sickness.

 Parker, Sellers, and Stephenson.

 Proc. Assoc. Comm. Naval Med. Research 7 Oct. 1943, Appendix N-5.
- 207. Therapeutic trials with barbiturates and vasano compound.
 W. S. Fields.
 Proc. Conf. Motion Sickness, NRCC 16 June, 1943, Appendix K.
- 208. Use of drugs in the treatment of airsickness.

 F. E. McDonough.

 War Dept., Air Forces, Randolph Field, Project 194, report No. 1,
 11 July. 1944.
- 209. Value of simple swings in acclimatizing to airsickness.

 Gibson, Manning and Cohen.

 Proc. Assoc. Comm. Aviation Med. Research 25 Feb. 1944, Appendix G.
- 210. Vestibular reactions on sea sickness.
 C. B. Weld and G. E. Verity.
 Min. Comm. Naval Med. Research, Jan. 28, 1942, Appendix D., NRCC.
- 211. Visual problems in connection with air-sickness.

 B. Mayou.

 F.P.R.C. report No. 464.
- 212. V-12 toxicity studies.

 R. L. Noble.

 Proc. Assoc. Comm. Army Med. Research, MRCC 10-11 Nov. 1944,

 Appendix II.

213. Water balance and other physiological responses of men on life rafts. Futcher, Consolazio and Pace.

Naval Med. Research Inst., Project X-127, Report No. 3 - 6 September, 1943.

A. Hyoscine

- 1. Attempts to find a remedy superior to hyoscine for motion sickness. P. K. Smith War Dept., Air Forces, Randolph Field #333(1) - 24 Aug. 1945
- 2. Comparison of the efficacy of motion sickness preventative, Army Development Type, seasickness remedy, R.C.N. type, ND 0.6 mg. of hyoscine in preventing seasickness during landing craft operations. D. B. Tyler CAM Report #300 - 20 April 1944
- 3. Effect of hyoscine on motion sickness in aircraft.
 J. L. Lilienthal, Jr.
 Navy Dept., Naval Air Training Center, Pensacola, Fla. Project X-252 (Av-138-b), report #1 1 May 1944
- 4. Effect of hyoscine (scopolamine) on swing sickness.
 P.K. Smith
 CAM report #156 April 19, 1943
- 5. Effect of hyoscime (scopolamine) on swing sickness and on performance.
 P.K. Smith and A. Hemingway
 CAM Report #155, 2 March, 1943
- 6. Effect of oral doses of hyoscine (scopolamine) on visual efficiency.
 F.C. Keil, Jr.
 CAM Report #219 2 June 1943
- 7. Effect of U. S. Army development type motion sickness preventive on swing sickness.

 Allan Hemingway
 War Dept., Air Forces, Randolph Field #198 (1) 8 Nov., 1943
- 8. Effects of a small dose of hyoscine upon performance. Annual report,
 OEMcmr-279.
 Alexander, Cotzin and Wendt
 Filed with: Reports, Comm. Motion Sickness undated
 (rec'd. NRC-CMR 21 Sept. 1944)
- 9. Experiments on the dosage of various agents used to prevent or modify seasickness.

 E. A. Sellers

 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix D
- 10. Investigation into the effect of hyoscine on sweating.

 H. E. Holling and W. R. Trotter

 Report, MPRC addendum to EPC 43/175, ABT 18, March 1, 1943
- ll. Investigations into the prevention of sea-sickness. A summary of previous reports.

 H. E. Holling and W. R. Trotter
 Report, Comm. Airborne Troops, MPRC-BPC 43/175, ABT 18, Feb. 3, 1943

Hyoscine

- 12. Motion sickness and physiological problems peculiar to parachutists and other airborne troops. Final report, OFMcmr-282.

 D. B. Tyler
 Filed with: Reports, Comm. Motion Sickness 31 May 1946
- 13. Motion sickness, present status of research.

 A. K. McIntyre
 Report, Comm. Flying Personnel Research, RAAF FR 91, June 1944
- 14. Motion sickness preventives.

 H. M. C. Luykx

 CAM Report #306 26 April 1944
- 15. Motion sickness preventives report No. I.

 H. M. C. Luykx

 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix E
- 16. Motion sickness preventives report No. II.

 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix El
- 17. Motion sickness studies at H.M.C.S. "York".

 J. M. Parker

 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945, Appendix O
- 18. Pensacola hyoscine hydrobromide report.

 Navy Dept., Coast Guard, Air Sea: Rescue Bull. #2 July 1944, pp. 15-16
- 19. L. Preliminary studies on the efficacy of V-12 preparations and prostigmin preparations in preventing seasickness during ship-to-shore operations. II. The effect of administration of 4 gr. of V-12 on rapid fire marksmanship. OFMcmr-282.

 D. B. Tyler
 CAM Report #323 15 June 1944
- 20. Present status of drug therapy in motion sickness. Summary of the literature. W. H. Fraser
 Report, Comm. Flying Personnel Research, RAAF FR 79, undated
 (rec'd NRC-CWR 1 Aug. 1944)
- 21. Prevention of motion (air) sickness in airborne troops: I. Experience with hyoscine and motion sickness preventive, Army development type, in personnel flown in Army transport planes.
 D. I. Littauer and M. H. Bruger
 CAM Report #285 March 1944
- 22. Report on sea trials with R.C.N. experimental seasickness remedy No. 1.
 Parker, Fields, Sellers and Best
 Proc. Assoc. Comm. Naval Med. Research 7 Oct. 1943, Appendix N-1
- 23. Report on trials of seasickness remedies conducted in the United Kingdom.

 J. M. Parker and W. S. Fields

 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix G

Hyoscine

- 24. Results of comparative tests of motionsickness remedies.

 Misc. Canadian Report #151 10 Feb. 1944
- 25. Side effects of three motion sickness preventives.

 Birren, Stormont and Fisher

 Naval Med. Research Inst., Project X-278, report #1 26 June 1944
- 26. Special conference on seasickness remedies Boston.

 G. R. Wendt

 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix C
- 27. Therapeutic studies on swing sackness in humans.

 Battista, Bornstein, and Noble

 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. VIII Appendix F
- 28. Therapeutic tests on motion sickness induced in humans on the swing.

 R. L. Noble

 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944, Vol. III,

 Appendix C
- 29. Therapeutic trials conducted in Montreal and Toronto.

 Parker, Fields, and Sellers

 Proc. Conf. Motion Sickness, NRCC 16 June, 1943, Appendix M
- 30. Therapeutic trials on naval ratings susceptible to motion sickness.

 Parker, Sellers, and Stephenson

 Proc. Assoc. Comm. Naval Med. Research 7 Oct. 1943, Appendix N-5
- 31. Use of hyoscine hydrobromide for the prevention of airsickness in flexible gunnery students.

 P. K. Smith
 War Dept., Air Forces, Randolph Field #261 (3) 17 Dec. 1945

XLII. NITROGEN

- 1. Arterial oxyhemoglobin saturations at critical pressure-altitudes breathing various mixtures of oxygen and nitrogen (with a note on the effect of exercise).
 J. L. Lilienthal, Jr. and R. L. Riley
 Navy Dept., Naval Air Training Center, Pensacola, Fla. Project X-323(Av-184-f)(4), 12 Oct. 1944
- 2. Comparative study of decompression sickness under varied conditions of exercise, altitude, and denitrogenation.
 E. B. Ferris, Jr. et al
 CAM Report #363 18 July 1944
- 3. Denitrogenation and incidence of decompression sickness with variation of altitude and activity; nitrogen elimination at sea level and at altitude; interrupted denitrogenation.

 H. B. Jones
 Filed with: Reports, Comm. Decompression Sickness June 1944
- 4. Development of technique for measuring saturation and desaturation curves by the use of long-period radioactive argon at atmospheric pressure. Final report, OEMcmr-392.
 R. D. Evans et al
 CAM Report #347 15 Aug. 1944
- 5. Effect of denitrogenation at various altitudes on aeroembolism in cadets.
 J. S. Gray
 War Dept., Air Forces, Randolph Field #216 (1) 5 Jan., 1944
- 6., Effect of the protein level in the diet on resistance to cold with special reference to the gaseous exchange and the reaction of the body thermostat at low temperatures. Final report, OEMcmr-425. W. H. Long
 Filed with: Reports, Comm. Med. Nutrition 1 Mar. 1946
- 7. Efficacy of preflight denitrogenation in the prevention of decompression sickness. Interim report, OEMcmr-38.

 Humm and Nims (Fulton)

 CAM Report #472 5 Sept. 1945
- 8. Elimination of nitrogen and other gases from the lungs of animals breathing oxygen.

 Eggleton, Elsden, and Hebb

 FPRC report #495
- 9. Handbook of respiratory data in aviation.
 D. W. Bronk et al
 Filed with: Reports, Comm. Oxygen and Anoxia 1944
- 10. Improvement of ability of soldier to work in humid heat. Status report, OEMcmr-232.

 J. W. Conn and M. W. Johnston
 Filed with: Reports, Comm. Clin. Invest. Nov. 1945

Nitrogen

- 11. Micro gas analyzer.
 F. G. Hall
 War Dept., Air Forces, Eng-49-696-7F, 17 Feb. 1944
- 12. Micro-gasometric determination of nitrogen in blood and saliva.

 Example of use of the method in determining the nitrogen clearance in blood and saliva during oxygen breathing.

 P. F. Scholander and G. A. Edwards.

 CAM Report #55, 5/20/42
- 13. Micro-gasometric estimation of the blood gases.
 F. J. W. Roughton and P. F. Scholander
 Harvard Fatigue Lab. report #52 February 1943
- 14. Nitrogen loss during injury and disease.
 J. Stergrad
 Australian Army Report #49 14 April 1945
- 15. Nitrogen meter: an instrument for continuously recording the concentration of nitrogen in gas mixtures.

 J. C. Lilly and T. F. Anderson

 CAM Report #299 28 Feb. 1944
- 16. Nitrogen peroxide in fumes from arc-welding.
 W. A. Rawlinson
 Report, Comm. Armoured Vehicles, Australia AFV 20,
 February 6, 1943
- 17. Physiologic effects of increased pressure.

 Edgar End

 Special CAM Report undated (rec'd NRC-CMR 25 May 1944)
- 19. Prevention of aeroembolism in cadets at 45,000 feet by denitrogenation.

 J. S. Gray and S. C. F. Mahady

 War Dept., Air Forces, Randolph Field #252 (1) 29 March 1944
- 20. Rate of nitrogen elimination from the lungs and its relation to individual susceptibility to decompression sickness. Interim report, OEMcmr-36.
 C. D. Stevens et al
 CAM Report #456 July 1945
- 21. Rate of nitrogen elimination from the lungs: its relation to susceptibility to decompression sickness.

 C. D. Stevens et al

 CAM Report #237 Dec. 1943
- 22. Relation of temperature and exercise to bubble formation in rats, and in tourniquetted legs of rabbits and goats (Resume). OEMcmr-193.

 E. A. Reed and L. R. Blinks
 CAM Report #379 15 Oct. 1944

- 23. Removal of gas nuclei from liquids and surfaces. OEMcmr-166.
 E. N. Harvey et al
 CAM Report #407 Nov. 1944
- 24. Studies of glucose tolerance and the urinary excretion of sodium, potassium, chlorine, phosphorus, nitrogen and 17-ketosteroids.

 OEMcmr-113.

 H. T. Ricketts et al

 CAM Report #145 July 9, 1943
- 25. Studies on asphyxia. I. Changes in blood acid-base balance during asphyxia and resuscitation.

 Grodins, Lein and Adler

 War Dept., Air Forces, Randolph Field #474(1) 10 May 1946
- 26. Studies on body composition. III. The body water and nitrogen content in relation to fat content.

 Nello Pace and E. N. Rathbun

 Naval Med. Research Inst. Project X-191, report #3, 7 Aug. 1944
- 27. Studies on nitrogen metabolism.

 V. Schenker et al

 Proc. Assoc. Comm. Army Med. Research, NRCC 27 April 1945,

 Vol. 2, Appendix A
- 28. Summary of advances during 1944 in the field of high altitude decompression sickness.

 J. F. Fulton

 Special CAM Report 10 Jan. 1945
- 29. Susceptibility to decompression sickness: The effects of prolonged inhalation of certain nitrogen-oxygen mixtures compared with those of exposure to pure oxygen. Interim report, OEMcmr-129.

 J. B. Bateman (W. M. Boothby)

 CAM Report #364 Sept. 1944
- 30. Toxic effects of oxygen on brain metabolism and on tissue enzymes. Frank Dickens
 Report, Subcomm. Underwater Physiology, RNPRC, MRC RNP 44/146.
 March 1944
- 31. Variations of the inert gas content of the urine under increased barometric pressure and their prognostic value in the occurrence of compressed air illness.

 Van Der Aue, Brinton and Kellar

 Navy Yard, Experimental Diving Unit Project X-476 (Sub. No. 98)(4),
 Sept. 1945

XLIII. OXYGEN AND OXYGEN EQUIPMENT

- . Closed Circuit Oxygen Equipment.
- B. Emergency Oxygen Equipment
- C. Masks
- D. Open Oxygen Systems
- E. Oximeters
- F. Oxygen
- G. Oxygen Equipment
- H. Oxygen Leak Tests
- I. Oxygen Poisoning
- J. Oxygen Regulators
- K. Oxygen Requirements
- L. Oxygen Reservoir Systems

A. Closed Circuit Oxygen Systems

- Critical temperatures for operation of the M. S. A. rebreather (individual model) as issued to the service.
 J. N. Stannard.
 U. S. Public Health Service, Nat'l Inst. Health, Div. Industr.
- Hygiene 9 Sept., 1942.
- Effect of a center screen separator on performance of KOX canisters.
 Reynolds, Pricer, and Stannard.
 U. S. Public Health Service, Nat. Inst. Health, Div. Indust. Hyg. 11 Nov. 1943.
- Effect of breathing under positive pressure using the positive pressure rebreather bag.
 Erickson, Taylor, and Marbarger.
 War Dept., Air Forces, Misc. Mayo Aero Med. Unit, Series A, Report No. 4 g. 30 Mar. 1943.
- 4. Effect of low temperature operation of the M. S. A. rebreather of insulating or electrically heating breather tube and canister assembly.
 Stannard, Fugitt, and Specht.
 U. S. Public Health Service, Nat'l Inst. Health, Div. Industr. Hygiene 14 Jan., 1943.
- 5. Efficiency of the FWB aviation oxygen recirculator.
 A. R. Sweeney, Jr.
 Chim Report No. 222 10 Nov. 1942.
- Evaluation of constant flow-reservoir oxygen mask system for use in Navy transport planes.
 D. E. Goldman.
 Naval Med. Research Inst. Project X-391(2), 1 Aug. 1944.
- 7. Further tests of experimental Navy rebreathers.
 J. N. Stannard and W. J. Bowen.
 U. S. Public Health Service, Nat'l Inst. Health, Div. Industr.
 Hygiene 12 Oct., 1943.
- 8. Handbook of respiratory data in aviation.
 D. W. Bronk et al.
 Filed with: Reports, Comm. Oxygen and Anoxia 1944.
- 9. Heat lability of KOX and its reaction with water vapor.
 C. H. Fugitt.
 U. S. Public Health Service, Nat. Inst. Health, Div. Indust. Hyg. 18 May 1943.
- 10. Inspection tests of service issue canisters for use with the Navy Rebreather.
 J. N. Stannard.
 U. S. Public Health Service, Nat'l Inst. Health, Div. Industr. Hygiene 25 June, 1942.

Closed Circuit Oxygen Systems

- 11. Instructions for the use of the Army respirator oxygen protective equipment for one hour's use. (Translation).

 War Dept., U. S. Strat. Air Forces in Europe, Misc. undated (rec'd NRC-CMR 27 Feb. 1946).
- 12. Low temperature tests on oxygen breathing tube coupling (Navy 919SK) placed in Navy rebreather equipment.

 J. N. Stannard and W. E. Pricer.

 U. S. Public Health Service, Nat'l Inst. Health, Div. Industr.

 Hygiene 27 Sept., 1942.
- 13. Manual of oxygen and intercommunication equipment, 2nd. ed. (CAP 307).

 Sub-committee Oxygen Equipment, NRCC.

 Report. Comm. Oxygen Equipment. NRCC Oct. 1943.
- 14. Mine Safety Appliance Co. oxygen rebreather and demand equipment. Ferguson, Coles, and Kark.

 Nisc. Canadian Aviation Report No. 72 23 March, 1942.
- New method for appraising the over-all efficiency of the M.S.A.
 Rebreather.
 H. L. Jones.
 Navy Dept., Naval Air Station, San Diego, Cal. 22 Sept., 1943.
- Oxygen requirements while using the A-8B oxygen mask without the rebreather bag.
 H. G. Swann.
 War Dept., Air Forces, TSEAL3-696-42I, 20 Feb. 1945.
- 17. Performance tests for Cox canisters.
 Theo. Norris and E. M. Russ.
 U. S. Public Health Service, Nat'l Inst. Health, Div.
 Industr. Hygiene 19 Mar., 1947.
- 18. Physiological appraisal of MSA rebreather employing experimental models of pump type autovent devices: type II and III D. (BuAer. TED No. UNL-2534).
 M. C. Shelesnyak and R. V. Whaley.
 Naval Med. Research Inst., Project X-249, 4 Feb. 1944.
- 19. Recommendations re oxygen equipment.
 E. C. Black and J. K. W. Ferguson.
 Misc. Canadian Aviation Report No. 4 12 March, 1941.
- 20. Report on the M.S.A. oxygen rebreather and demand equipment (referred to in F.P.R.C. 446 (a) para. 1(b)).

 Ferguson, Coles, and Kark.

 FPRC report No. 449e.
- 21. Report on the performance of the M.S.A. Navy type oxygen rebreathing apparatus for aircraft use. Interim report, OEMcmr-28.

 A. H. Chambers and S. Goldschmidt (Detlev W. Bronk).

 CAM Report No. 350 10 Sept., 1944.

- 22. Summary of experience of Aviation Medicine Unit with different types of canister valves and valve seats for standard Navy rebreather, oxygen supply apparatus and experimental rebreather oxygen supply apparatus.
 H. F. Brubach.
 U. S. Public Health Service, Nat'l Inst. Health, Div. Industr. Hygiene 18 June, 1942.
- 23. Summary of the development of positive pressure closed circuit jacket to be used in attempting to attain as high as 50,000 feet. W. M. Boothby.

 War Dept., Air Forces, miscellaneous Mayo Aero Med. Unit, report No. 3 to Comm. Oxygen. NRC. 20 April, 1942.
- 24. Technical manual for low pressure chamber operators.

 C. F. Gell et al.

 Navy Dept., Bur. Med. and Surg., Aviation Med. Div. undated (rec'd NRC-CNR, 5 May, 1945).
- 25. Tests on GOX canisters received from Marine Base at Quantico, Virginia.
 J. N. Stannard.
 U. S. Public Health Service, Nat. Inst. Health, Div. Indust.
 Hyg. 24 Mar. 1943.
- Z6. Tests on oxygen generating canisters for use with the M. S. A. rebreather.
 J. N. Stannard and H. Specht.
 U. S. Public Health Service, Nat'l Inst. Health, Div. Industr. Hygiene 6 July, 1942.
- 27. Tests on rinsing and performance at low temperatures of the F.W.B. recirculator.
 W. A. White and B. G. King.
 Naval Med. Research Inst., Project X-119, report No. 1 29 September, 1943.
- U. S. Navy oxygen breathing equipment. Second report.
 Heinz Specht and H. F. Brubach.
 U. S. Public Health Service, Nat'l Inst. Health, Div. Industr.
 Hygiene 21 July, 1941.
- 29. U. S. Navy oxygen breathing equipment. Fourth report. Report on performance tests of MSA and FWB rebreather type oxygen supply apparatus.
 Stannard, Specht, and Brubach.
 U. S. Public Health Service, Nat'l Inst. Health, Div. Industr. Hygiene 12 Jan., 1943.
- 30. U. S. Navy oxygen breathing equipment. Fifth report. Report on performance of an automatic venting device for the elimination of inert gases from the MSA rebreather.
 H. F. Brubach.
 U. S. Public Health Service, Nat'l Inst. Health, Div. Industr. Hygiene 1 May, 1943.

B. Emergency Oxygen Equipment

- 1. Adaptation of aviator's oxygen equipment to allow underwater escape.

 H. C. Bazett and B. Libet

 CAM Report #284 10 March 1944
- 2. British Emergency Oxygen Set, Mk I.
 H. L. Burns and M. Jackson
 CAM Report #235 26 October 1943
- 3. Chemical evaluation of the Naval Research Laboratory chlorate candle.

 H. R. Catchpole and J. Rohrback

 Naval Med. Research Lab. Project K-586(1), 20 Nov. 1945
- 4. Emergency coupling apparatus 10-87A FI 30-156. (Translation) War Dept., Misc. undated (rec'd NRC-CMR 27 Feb. 1946)
- 5. Emergency oxygen flow.

 F. G. Hall et al

 War Dept., Air Forces, ENG-49-696*7K, 25 May 1944
- 6. Emergency use of the diluter demand oxygen regulator (Pioneer) by two men.

 B. G. King and M. C. Shelesnyak

 Naval Med. Research Inst., Project NH6-1/All/NMRI-55, 16 March 1944
- 7. Improved low pressure emergency oxygen unit. Interim report, OEMcmr-26.

 J. T. McLaughlin and A. J. Rawson

 CAM Report #333 April 1944
- 8. Instructions for back-pack parachute Rufa 12B with bail-out oxygen system 10-6521 A-O HAS-16D. (Translation)
 War Dept., Misc. May 1944
- 9. Meeting of Subcommittee on Oxygen Equipment of the National Research Council of Canada.

 W. R. Lovelace II

 War Dept., Air Corps, Materiel Div. -EXP-M-49-696-20
- 11. Oxygen sense.

 Air Ministry AM Pamphlet 165, 1st edition, Jan. 1944
- 12. Personnel equipment problems in ETOUSA and NATOUSA. Appendix 2: Oxygen problems in ETOUSA.

 A. P. Gagge
 War Dept., Air Forces, ENG-49-695-34, 20 Sept. 1943, pp. 12-19

- 13. Personal flying equipment as used in Central and Western Pacific Areas.

 A. P. Gagge
 War Dept., Air Forces, TSELA-3-695-52, 18 May 1945
- 14. Physiological criteria for the engineering and development of bail-out oxygen equipment.

 M. C. Shelesnyak
 Naval Medical Research Inst. Project #NH6-LAll/NMRI-44, 21 Feb. 1944
- 15. Physiological specifications for the design of aviation oxygen equipment.

 Navy Dept., Bur. Med. and Surg., Research Div. Jan. 1946
- 16. Physiological tests of the H-2 emergency oxygen cylinder.

 K. E. Penrod

 War Dept., Air Forces, ENG-49-696-71, 25 Feb. 1944
- 17. Portable oxygen equipment.

 War Dept., Air Forces, PIF undated (rec'd NRC-CMR, 5 Feb. 1945),

 pp. 4-2-5 to 4-2-6
- 18. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.

 H. E. Whittingham

 FPRC Report #551 5 Mar. 1946
- 19. Study of British bail-out oxygen equipment.

 King, Futcher, and Pecora

 Naval Med. Research Inst., Project X-216, report #1 11 November, 1943
- 20. Use of oxygen and oxygen equipment.

 Aero-Med. Research Lab., Wright Field
 War Dept., Air Forces, Misc. 1 July 1943 (revised 20 Sept. 1943)

C. Masks

- 1. Account of the construction and efficiency of mask L-12 for oxygen
 inhalation in military aviation.
 C. K. Drinker
 NDRC report, Div. B, serial #68 August 28, 1941
- 2. Acoustical considerations in the design of an oxygen mask. Report of
 Oct. 19, 1942.
 L. L. Beranek.
 Filed with: Reports, Comm. Oxygen, NRC Oct. 19, 1942
- 3. Articulation tests of A-14 and XA-13 oxygen masks at sea level and at 35,000 feet.
 D. A. Ross et al
 NDRC Report 5 June 1944
- 4. Articulation tests on the R.C.A.F. type C2 oxygen mask.
 Goodwin, Smith and Rogers
 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 14 July 1944, Appendix M
- 5. Aviation medical problems in African, Indian and Chinese theatres of operation. Appendices 14, 15, 16A, 16B: Japanese oxygen equipment. R. Lovelace, II

 War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943, pp. 42-45
- 6. Aviation medical problems in African, Indian and Chinese theatres of operation. Appendices 14, 17A, 17B: Italian oxygen equipment.

 R. Lovelace, II

 War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943, pp. 42, 46-47
- 7. Aviation medical problems in African, Indian and Chinese theatres of operation. Appendices 7, 8, 9A, 9B, 9C, 10A, 10B, 10C, 10D, 11, 12, 14: German oxygen equipment.

 R. Lovelace, II
 War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943, pp. 28-38, 42
- 8. Aviation medical problems in African, Indian and Chinese theatres of operation. Appendices 13A, 13B, 13C, 14: U.S.S.R. oxygen equipment. R. Lovelace, II
 War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943, pp. 39-42
- 9. Bailing out above 30,000 feet.

 K. E. Penrod

 War Dept., Air Corps, Materiel Div. EXP-M-49-696-6A, November 27,

 1942
- 10. British H type oxygen mask.

 J. E. Burns
 War Dept., Air Forces, ENG-49-660-39-S, 4 July 1944
- 11. Captured Japanese oxygen equipment.

 H. L. Burns
 War Dept., Air Forces, ENG-49-447-31, 26 Aug. 1943

- 12. Cleaning and sterilization of oxygen masks.

 M. M. Kennedy
 War Dept., Air Forces, ENG-49-696-49, 2 Sept., 1943
- 13. Comments on M.S.A. demand regulator model No. 3 and M.S.A. mask Type C and ancillary equipment from a physiological and operational aspect. R.A.F. Physiol. Lab. and S/Ldr. Ferguson FPRC report #489 undated
- 14. Comparative face-fit of R.C.A.F. Cl and C3 oxygen masks.

 J. S. Hart

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March
 1945, Appendix B
- 15. Comparative leak and comfort tests on C2 rubber and developmental models of felt oxygen masks at -40° F.

 J. S. Hart

 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 March 1944,
 Appendix L
- 16. Comparative leak and comfort tests on unlined and lined C2 rubber oxygen masks at -40° F.

 J. S. Hart
 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 April 1944,
 Appendix D
- 17. Comparative study of respiratory efficiency of oxygen masks at very high altitudes.

 E. C. Black, J. K. W. Ferguson, F. G. Banting.

 Report Assoc. Comm. Aviation Research (N.R.C. Canada),

 Jan. 29, 1941.
- 18. Comparative study of the respiratory efficiency of oxygen masks used at very high altitudes. Interim report.

 Black, Ferguson, and Banting

 Misc. Canadian Aviation Report #27 29 Jan., 1941
- 19. Comparison of articulation efficiency of standard R.C.A.F., R.A.F. and U.S.A.A.F. oxygen mask assemblies.

 Rogers, Smith and Goodwin

 Proc. Assoc. Comm.Aviation Med. Research, NRCC 29 Sept. 1944,
 Appendix F
- 20. Conference on oxygen masks.

 D. B. Dill
 War Dept., Air Forces, Engin. Div. ENG-M-49-696-32, January 27, 1943
- 21. Conference on the design and production of demand oxygen masks.

 L. D. Carlson
 War Dept., Air Corps, Materiel Div. EXP-M-49-696-11F
 Sept. 9, 1942

Masks

- 22. Conferences with fabricators of the A-10 mask and its component parts for the purpose of making necessary changes in its design.

 War Dept., Air Corps, Engin. Div. ENG-M-49-695-22, December 21, 1942
- 23. Development of an oxygen mask and demand supply system.

 J.K.W. Ferguson. Nat. Research Council to act as contractor.

 Min. Assoc. Comm. Aviation Med. Research-Sept. 18, 1941, Appendix B
- 24. Distortion of the R.C.A.F. oxygen mask.

 O. H. Warwick

 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix J, Report #4
- 25. Dr. Ambros, Director of I. G. Farben, Organic Division, Ludwigshafen.
 D. C. Evans and C. W. Scott
 War Dept., Combined Intelligence Objectives Subcomm., Evaluation
 Report #52 5 June 1945
- 26. Effect of low temperatures on the action of the A-12 oxygen demand valves.

 L. F. Nims and R. W. Clarke
 CAM report #118 January 19, 1943
- 27. Estimation of "critical dead space" in oxygen breathing equipment.

 J. N. Stannard and E. M. Russ

 CAM Report #238 1 Jan. 1944
- 28. Evaluation of Acushnet Process Company oxygen mask for use in transport aircraft.
 C. H. Fugitt and R. L. Riley
 Navy Dept., Naval Air Training Center, Pensacola, Fla. Project
 X-592(Av-305-f)(1), 14 June 1945
- 29. Evaluation of Canadian mask size template for possible use in fitting A-14 oxygen masks. Final report.

 C. I. Gemmill and C. H. Fugitt

 Navy Dept., Naval Air Station, Pensacola, Fla. Project

 X-387(1), 6 May 1944
- 30. Evaluation of certain characteristics of the type A-14 oxygen mask with baffles over the mask inlet ports.

 C. S. White

 Navy Dept., Naval Air Training Center, Pensacola, Fla.,

 Project X-584(Av-302-f)(1) 13 Aug. 1945
- 31. Evaluation of constant flow-reservoir oxygen mask system for use in Navy transport planes.

 D. E. Goldman
 Naval Med. Research Inst. Project X-391(2), 1 Aug. 1944
- 32. Evaluation of methods for cleaning and sterilizing oxygen masks.

 T. L. Duggan
 Naval Med. Research Inst., Project NH6-1/All/NMRI-61, 26 April 1944

- 33. Examination of experimental suspension for the MRS-1 oxygen mask. Preliminary report.

 B. G. King
 Naval Med. Research Inst., Project X-248 Nov., 1943
- 35. Face-fit of Canadian oxygen masks for use with Canadian C3 demand valves. G. F. M. Smith and E. C. Black
 Proc. Assoc. Comm. Aviation Med. Research, NRCC 29 Sept. 1944,
 Appendix L
- 36. Face-fit of lined and unlined RCAF oxygen masks after various periods of wear.

 J. S. Hart
 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March
 1945, Appendix G
- 37. Face-fit of oxygen masks.
 E. C. Erack and J. K. W. Ferguson
 Misc. Canadian Aviation Report #3 11 June, 1941
- 38. Field tests of oxygen masks.

 J. S. Hart and A. G. Archer

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March
 1945, Appendix H
- 39. Final report on work carried out on rubber substitutes for oxygen masks.

 E. C. Black

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945,
 Appendix G
- 40. Freezing of type A8B B.L.B. mask.
 Black, McIntyre, and Eden.
 Misc. Canadian Aviation Report #89 20 May 1942
- 41. Freezing tests on the type A-14 demand oxygen mask.
 L. D. Carlson
 War Dept., Air Forces, Eng-49-660-39-P, 18 Feb. 1944
- 42. Freezing tests on the A-10R and A-10A demand type oxygen masks.

 J. E. Burns
 War Dept., Air Forces, ENG-49-660-39-R, 10 April 1944
- 43. Fundamental factors in the design of protective respiratory equipment.

 The characteristics of inspiratory and expiratory valves.

 Silverman, Lee, and Lee

 NDRC report (OSRD report #1864) 1 October, 1943

Masks

- 44. Further improvements on a non-icing mask assembly for use with standard oxygen regulators.

 E.C. Black and J.K.W. Ferguson
 Report F.P.R.C. #413, Appendix B, memo #2.
- 45. Growth of mold on oxygen masks.

 M. M. Kennedy
 War Dept., Air Forces, ENG-49-696-55, 20 Dec. 1943
- 46. Handbook of respiratory data in aviation.

 D. W. Bronk et al

 Filed with: Reports, Comm. Oxygen and Anoxia 1944
- 47. Heaters for oxygen masks.

 Hemingway, Masland and Taylor

 War Dept., Air Forces, Randolph Field #300(2) 11 July 1944
- 48. Heat exchange by way of the respiratory tract: I. Theoretical considerations. II. Relative efficacy for conserving heat loss of the (1) Salathiel Breath Heat Exchanger, (2) A-14 rubber mask, (3) wool scarf.

 Spealman, Pace and White
 Naval Med. Research Inst., Project X-163, 25 April 1944
- 49. I. G. Farbenindustrie, Leverkusen. 27 April 1945.

 M. F. Fogler

 War Dept., Combined Intelligence Objectives Subcomm. Report #31 12 May
 1945
- 50. Indoctrination of German fliers use of oxygen.

 (Translation of German handbook)

 War Dept., U. S. Strat. Air Forces in Europe, Med. Intell. Bull.

 #21 5 Jan. 1945
- 51. Information compiled from questionnaires issued with equipment for service test in Alaska.

 J. E. Burns
 War Dept., Air Forces, ENG-49-660-60, 8 April 1944
- 52. Inspiratory leakage of R.C.A.F. Types Cl, C2, and C3 oxygen masks.

 F. B. Thomson and J. S. Hart

 Proc. Exec., Assoc. Comm. Aviation Med. Research May 10, 1943,

 Appendix B
- 53. Interim report on the British oxygen mask.

 E. C. Black et al

 Misc. Canadian Aviation Report #42 undated
- 54. Investigation of possible alternative materials to mica for the valve discs of oxygen mask inspiratory valves. R.A.E. technical note no. inst. 699.

 FPRC report, Royal Aircraft Establishment August, 1942

- 55. Leakage of oxygen masks.

 D. R. Griffin and Sid Robinson

 Harvard Fatigue Lab. report #65 24 April 1943
- 56. Manual of oxygen and intercommunication equipment. 1st edition. (CAP 307.)
 Report, Subcomm. Oxygen Equipment, NRCC Sept. 1942
- 57. Manual of oxygen and intercommunication equipment. 2nd ed. (CAP 307). Sub-committee Oxygen Equipment, NRCC Report, Comm. Oxygen Equipment, NRCC Oct. 1943
- 58. Margin of safety for mask leaks with certain A-12 demand regulators used by the R.C.A.F.

 J. S. Hart

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March 1945, Appendix F
- 59. Mask designed for continuous oxygen inhalations.

 J. W. Thompson
 Canadian Aviation Report #112, October 16, 1942
- 60. Mask, field, pile, experimental. A study of the comfort, ease of fitting, protection against cold and general utility of the mask, field, pile, experimental models, and comparison of them with other masks.

 W. R. Christensen and A. M. Galligan
 War Dept., OQMG, Climatic Research Lab. Report #113, 20 Oct. 1944
- 61. Mask, oxygen, pressure-demand.

 F. E. Randall

 War Dept., Air Forces, ENG-49-695-22-B, 20 March 1944
- 62. Mechanical mask freezing apparatus.

 H. L. Burns and V. J. Wulff.

 War Dept., Air Forces, ENG-49-660-39-T, 15 May 1944
- 63. Meeting of Subcommittee on Oxygen Equipment of the National Research Council of Canada.

 W. R. Lovelace II

 War Dept., Air Corps, Materiel Div. -EXP-M-49-696-20
- 64. Method of introduction of oxygen into the mask from an H-2 emergency oxygen bottle.

 J. T. Bonner
 War Dept., Air Forces, ENG-49-696-42A, 5 August, 1943
- 65. Miscellaneous aviation medical matters.

 Leo Alexander

 War Dept., Combined Intelligence Objectives Report #88 undated

 (rec'd NRC-CWR 18 Mar. 1946)
- 66. Modifications of constant flow oxygen mask assembly to improve acoustic efficiency.

 Smith, Rogers, and Goodwin

 Proc. Exec., Assoc. Comm. Aviation Med. Research NRCC 14 July 1944,

 Appendix N

Masks

- 67. Molded rubber full face oxygen mask incorporating ventilated fog proof lenses.

 L. D. Carlson
 War Dept., Air Forces, ENG-49-660-39E, May 7, 1943
- 68. Nasion-menton measurements on aircrew.

 O. H. Warwick and A. J. Sutherland

 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 March 1944,

 Appendix F
- 69. New types of oxygen masks.

 D. B. Dill

 War Dept., Air Forces, Engin. Div. ENG-M-49-695-19C, January 29, 1943
- 70. Operational flights in Stirling aircraft. Points of physiological interest.

 R. H. Winfield

 FPRC report #389, December 17, 1941
- 71. Optimum safety pressures for certain types of oxygen equipment. OFMcmr-26.

 G. A. Millikan and R. B. Cherry

 CAM Report #431 April 1945
- 72. Oxygen economizer for use in adapting demand masks to free flow systems.

 OEMcmr-26.

 J. R. Pappenheimer and J.C. Lilly

 CAM Report #359 August 1944
- 73. Oxygen mask and goggle assembly as a substitute for gas masks.

 J. E. Burns
 War Dept., Air Forces, Eng-49-660-58, 1 March 1944
- 74. Oxygen mask. Anoxiameter for investigating blood oxygen saturation using MK. I economizer with comp. figures using BLB mask.

 E. A. C. Goldie.

 Report F. P. R. C. #232A, Jan. 28, '41
- 75. Oxygen mask development of type F.

 J. C. Gilson.

 Report F. P. R. C. #270, Mch. 26, '41.
- 76. Oxygen mask face pieces.
 C. E. Jaynes
 War Dept., Air Forces, ENG-49-660-39K, 14 Aug., 1943
- 77. Oxygen mask for tracheotomy patients.

 W. R. Lovelace II

 War Dept., Air Forces, TSEAL-3-697-2III, 14 Sept. 1945
- 78. Oxygen mask harness.
 Misc. Canadian Aviation Report #87 7 July, 1942

- 79. Oxygen mask Report on investigations in causes of unreliability in economizer mask system under extremes of cold.

 R. A. F. Physiological Research Unit.

 Report F. P. R. C. #232B, Jan, 25, '41
- 80. Oxygen masks recovered from enemy aircraft.
 L. D. Carlson
 War Dept., Air Forces, ENG-49-660-391, July 14, 1943
- 81. Performance of A8B masks equipped with devices designed to prevent freezing.

 A. Lein
 CAM Report #272 1 Jan. 1944
- 82. Performance of developmental models of C3B air-oxygen demand valves at different input pressures of oxygen.

 E. A. Pollard and F. E. J. Fry

 Proc. Exec., Assoc. Comm. Aviation Med. Research May 10,
 1943, Appendix F
- 83. Physiological appraisal of A-10A oxygen mask.

 King, Futcher, Henson, and Whaley
 Naval Med. Research Inst., Project X-273 29 Dec., 1943
- 84. Physiological appraisal of the British oxygen mask, Type "H".

 King, Henson and Whaley
 Naval Med. Research Inst., Project X-257 6 Jan., 1944
- 85. Physiological appraisal of the MSA, Type E unlined experimental oxygen mask.

 Henson, Whaley and King
 Naval Med. Research Inst., Project X-275 31 Dec., 1943
- 86. Possible substitutes for rubber in the R. C. A. F. oxygen mask.

 E. C. Black and J. K. W. Ferguson.

 Exec. Assoc. Comm. Aviation Med. Research October 21, 1942. App. A-2
- 87. Practical method for cleaning the A-14 type oxygen mask.

 H. A. Smedal et al

 Navy Dept., U. S. Naval Air Station, Pensacola, Fla. Project

 X-679(1), 1 March 1946
- 88. Preliminary production specification for mask, Type C --ACR-52-4, issue l
 Dept. Nat. Defence for Air, RCAF
 Royal Canadian Air Force 4 March, 1942
- 89. Preliminary production specification for microphone, mask, type C-3, RCAF ref. no. 10A/3694 RAD-85-1, Issue 1
 Dept. Nat. Defense for Air, RCAF.
 Royal Canadian Air Force 17 February, 1942
- 90. Preliminary report on current activities of the R.A.F. Physiological Laboratory, Farnborough.

 A. K. McIntyre

 Report, Comm. Flying Personnel Research, RAAF FR-101B, 14 Dec. 1944

Masks

- 91. Preliminary tests on plastic, demand oxygen masks (Types AÑ-7 and A-ll) and the C-l combination mask and helmet.

 L. D. Carlson

 War Dept., Air Corps, Materiel Div. EXP-M-49-696-3C
- 92. Pressure effects on the bridge of the nose caused by the A-10 oxygen mask.

 M. W. Bick

 War Dept., Air Corps, Materiel Div. -EXP-M-49-696-11H
- 93. Prevention of ice formation in oxygen masks.

 Hemingway, Masland and Taylor

 War Dept., Air Forces, Randolph Field #300 (1) 6 July 1944
- 94. Progress of aviation medicine in the Royal Air Force and its application to the problems of civil aviation.

 H. E. Whittingham

 FPRC Report #667 13 July 1946
- 95. Progress of project conducted on expenditure order no. 660-8. (Combined plastic mask and helmet).

 War Dept., Air Forces, ENG-49-660-51, 21 Aug., 1943
- 96. Progress report of Subcommittee on Oxygen Equipment.

 G. E. Hall

 Proc. Assoc. Comm. Aviation Med. Research February 27, 1943,

 Appendix D and p. 5
- 97. Proposed Navy Department specification 37-M-76 for masks, face, winter N-1.

 M. Trumper
 Naval Med. Research Inst., project X-180, report #5 5 Oct., 1943
- 98. Protection afforded by Canadian oxygen mask and demand valve against carbon monoxide.

 E. T. Waters and J. S. Hart

 Misc. Canadian Aviation Report #94 13 May, 1942
- 99. Relation of an inadequate face fit to icing in R.C.A.F. oxygen masks.

 J. S. Hart

 Proc. Exec., Assoc. Comm. Aviation Med. Research April 8, 1943,

 Appendix J
- 100. Report of meeting of Subcommittee on Oxygen Equipment. Demand valve C3B, sizing of masks, training courses.

 Proc. Exec., Assoc. Comm. Aviation Med. Research Dec. 3, 1942,
 Appendix B and p. 4
- 101. Report of meeting of Subcommittee on Oxygen equipment. Demand valve, mask, carbon monoxide.

 Min. Exec. Assoc. Comm. Aviation Med. Research, NRCC July 29, 1942, pp. 2-3 and Appendix A

- 102. Report of studies made under contract OEMcmr-47, June 12, 1943 June 12, 1944. Final report, OEMcmr-47.
 A. L. Barach
 Special CAM Report Undated (rec'd NRC-CMR 24 July 1944)
- 103. Report on a conference concerning integration of helmets, oxygen masks, and goggles, held at Wright Field, October 30, 1942.

 L. D. Carlson
 War Dept., Air Corps, Materiel Div. EXP-M-49-695-19, November 10, 1942
- 104. Report on a spray method for sterilizing oxygen m sks.

 J. D. Gillmore and F. C. Comploier

 Naval Med. Research Inst. Project NMRI 149, 29 Nov. 1945
- 105. Report on non-icing mask assembly for use with standard oxygen regulators.

 E. C. Black.

 Min. Exec., Assoc. Comm. Aviation Med. Research, Nov. 21, 1941, Appendix B.-N.R.C.C.
- 106. Report on temporary duty in United Kingdom May 17, 1942.
 Oxygen and masks.
 J. K. W. Ferguson
 Proc. Exec., Assoc. Comm. Aviation Med. Research December 3, 1942, Appendix I and p. 6
- 107. Respiratory resistances through oxygen masks.

 J. Shortreed

 Misc. Canadian Aviation Report No. 100 9 Sept. 1942
- 108. Restoration of distorted masks with carbon tetrachloride.

 J. S. Hart

 Proc. Exec., Assoc. Comm. Aviation Med. Research, 10 Dec. 1942,
 Appendix D
- 109. Restrictions of visual fields caused by the P-8 flying goggle both alone and with A-14 oxygen mask and by three types of Chemical Warfare Service gas masks.

 E. A. Pinson
 War Dept., Air Forces, ENG-49-695-37-D. 31 March 1944
- 110. Royal Air Force Type G oxygon mask.

 D. B. Dill

 War Dept., Air Corps, Materiel Div. EXP-M-54-653-100 E
- 111. Royal Air Force type G oxygen mask.
 J. C. Gilson.
 F.P.R.C. report 444, April 9, 1942.
- 112. Scale of issue for R.C.A.F. oxygen masks.

 J. S. Hart and G. F. M. Smith

 Proc. Exec. Assoc. Comm. Aviation Med. Research, NRCC 13 Warch
 1945, Appendix C

Masks

- 113. Simple rebreathing device to control shivering.
 War Dept., Signal Corps, Climatic Research Unit, Eng. memo
 #14CR 10 April 1944
- 114. Sizing of RCAF oxygen masks based on measurement of the facial
 lengths of aircrew.
 J. S. Hart and F. B. Thomson
 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix G, Report #1
- 115. Standardisation of British, Canadian, and U. S. oxygen equipment.

 List of items of oxygen equipment (of) standardised, June, 1942.

 FPRC report #449h
- 116. Standardisation of oxygen equipment for British, Canadian and U. S. aircraft position in May, 1942. (a) 100 Canadian mask demand valve and microphone assemblies promised for Service trials in U. K.

 FPRC report #449(a)
- 117. Standardisation of oxygen equipment in British, Canadian and U. S. aircraft. Items now standardised, June, 1942. FPRC report #449-f
- 118. Standardization of oxygen equipment in British, Canadian and U. S. aircraft. Oxygen, intercommunications, and R/T equipment. Position on 5th June, 1942.

 FPRC report #449-g
- 119. Standardisation of oxygen equipment in British, Canadian & U.S. aircraft. Review of the position in March, 1942, by the British Air Commission.

 FPRC report #449 (b)
- 120. Sterilization of oxygen masks.

 J. M. Quashnock
 War Dept., Air Forces, HNG-49-696-46, 10 July, 1943
- 121. Substitutes for plantation rubber for RCAF oxygen masks.

 J. S. Hart and E. C. Black

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March
 1945, Appendix I
- 122. Suitability of rubber stocks for use in oxygen masks and accessories.

 J. S. Hart
 Proc. Assoc. Comm. Aviation Med. Research October 22, 1942,
 Appendix I ,
- 123. Summary of tests made on the resistance of materials and fungicides to mildew, from April to October 1944.

 J. T. Bonner
 War Dept., Air Forces, TSEAL3-696-70, 8 Dec. 1944

- 124. Testing of Professor Wright's oxygen mask. FPRC report #358-k (British File)
- 125. Test of expendable dust respirator, E5.
 R. H. Walpole and T. F. Hatch
 Armored Med. Research Lab. 3 Jan. 1945
- 126. Test of mask fit during movement and in the cold.

 R. L. Riley and C. H. Fugitt

 Navy Dept., Naval Air Training Center, Pensacola, Fla.,

 Project X-525(Av-278-f)(1) 15 March 1945
- 127. Tests conducted on the A-10 revised demand oxygen mask and on the A-14 demand oxygen mask.
 L. D. Carlson
 War Dept., Air Forces, Eng-49-660-39J, 14 Aug., 1943
- 128. Tests of an air warming respirator designed for use under conditions of extreme cold.

 G. E. Folk and H. S. Belding

 Harvard Fatigue Lab. report #96(#21 to 0Q/G) 7 Jan. 1944
- 129. Tests of B.L.B. oxygen mask. Letter to Major Sir Frederick Banting from L. W. Billingsley
 Misc. Canadian Aviation Report #5 27 Nov., 1940
- 130. Tests of flyers' headgear assemblies.

 D. B. Dill
 War Dept., Air Corps, Engin. Div. ENG-M-49-695-19B, January 11,1943
- 131. Tests of the A-9 mask, and other oxygen equipment.

 D. B. Dill
 War Dept., Air Forces, EXP-54-660-20D, 12 Dec. 1941
- 132. Tests on the R.C.A.F. experimental felt oxygen mask.

 O. H. Warwick and A. J. Sutherland

 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 March 1944,

 Appendix I
- 133. Type A-14 demand oxygen mask.
 L. D. Carlson
 War Dept., Air Forces, Eng. Div. ENG-49-M-660-39F, May 12, 1943
- 134. United States low pressure "walk around" bottle.

 H. L. Roxburgh

 FPRC report #503
- 135. Wright Field studies. Oxygen equipment, fatigue, anoxia, masks.
 A. P. Gagge
 Special Report, CAM July August, 1941
- 136. XA-16 full face demand oxygen mask.

 H. L. Burns

 War Dept., Air Forces, TSELA-3-660-39-D-1, 30 June 1945

D. Open Oxygen Systems

- Advantages of both demand and constant flow system of oxygen administration are combined by the utilization of a small reservoir or economizer bag with the demand type mask.
 W. M. Boothby.
 War Dept., Air Forces, miscellaneous Mayo Aero. Med. Unit, special report No. 1, 4 Aug. 1942.
- A-35B airplane, low pressure oxygen demand system.
 Charles Castellano.
 War Dept., Air Forces, ENG-49-427-25, July 6, 1943.
- 3. Captured Japanese oxygen equipment.
 H. L. Burns.
 War Dept., Air Forces, ENG-49-447-31, 26 Aug. 1943.
- 4. Characteristics of demand oxygen mask Leakage.
 J. T. Bonner.
 War Dept., Air Forces, Eng-49-696-7E, 17 Dec. 1943.
- 5. Comments on M.S.A. demand regulator model No. 3 and M.S.A. mask Type C and ancillary equipment from a physiological and operational aspect. R.A.F. Physiol. Lab. and S/Ldr. Ferguson. FPRC report No. 489 - undated.
- 6. Comparative testing of oxygen equipment.
 C. L. Gemmill et al.
 Navy Dept., Naval Air Training Center, Pensacola Project X-143, 23 September, 1943.
- 7. Comparison of German, U.S.N., and Canadian demand valves.
 J. W. K. Ferguson.
 Proc. Assoc. Comm. Aviation Med. Research February 27, 1943,
 Appendix E.
- 8. Comparison of oxygen equipment.
 Dept. of Commerce 13 Oct. 1942.
- 9. Conservation of oxygen effected by the use of economizer bag, and with and without the use of the automix.
 W. M. Boothby et al.
 War Dept., Air Forces, Misc. Mayo Aero Med. Unit, Series A Report No. 3, 20 Nov. 1942.
- 10. Criteria for testing complete demand type aviational oxygen supply systems.
 L. E. Griffis and E. F. Dubois.
 Reports, #71, Comm. Oxygen and Anoxia, NRC August 7, 1941.
- 11. Demand valve set to shut off at positive pressure.
 J. K. W. Ferguson.
 F.P.R.C. report No. 482 August 22, 1942.

- 12. Demand valve (type C3B) with automatic sylphon control of air mixer.

 Proc. Exec., Assoc. Comm. Aviation Med. Research October 21,

 1942, Appendix A 2; December 3, 1942.
- 13. Determination of comparative oxygen economies of oxygen equipment.
 C. L. Gemmill and R. L. Riley.
 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project
 #X-174 (Av-R2-7) Report No. 1 (preliminary) 1 Oct. 1943.
- 14. Determination of comparative oxygen economies of oxygen equipment.

 J. H. Weatherby.

 Navy Dept., Naval Air Training Center, Pensacola, Fla. Project
 X-174 (Av-R2-7), report No. 3 20 March 1944.
- 15. Determination of comparative oxygen economies of oxygen equipment.
 Physiological testing of English (RAF) mask, type H.
 C. L. Gemmill and C. H. Fugitt.
 Naval Air Training Center, Pensacola, Fla. Project X-174
 (Av-R2-7), report No. 4 13 Jan. 1944.
- 16. D-25H airplane, low pressure demand oxygen system.
 Charles Castellano.
 War Dept., Air Forces, ENG-49-426-23 July 1, 1943.
- 17. Effect of respiratory dead space of oxygen equipment upon oxygen economy.

 J. W. Wilson and Jerome Dohling.
 War Dept., Air Forces, Eng-49-696-7D, 16 Dec., 1943.
- 18. Effect of the type A-3 oxygen flow indicator installation, on oxygen consumption of Pioneer type A-12 diluter demand regulators.

 H. L. Burns.

 War Dept., Air Forces, ENG-49-66-52-E, 25 April 1944.
- 19. Effects of low temperatures on oxygen demand valves at altitude.

 OEMcmr-38.

 L. H. Nims and J. Tepperman.

 CAM Report No. 146, 4 June, 1943.
- Emergency use of the diluter demand oxygen regulator (Pioneer) by two men.
 B. G. King and M. C. Shelesnyak.
 Naval Med. Research Inst., Project NH6-1/All/NMRI-55, 16 March 1944.
- 21. Evaluation of two mechanical leak testers for demand oxygen masks.

 J. T. Bonner.

 War Dept., Air Forces, ENG-49-696-54, 27 Oct., 1943.
- 22. Experiments with demand valve set to flow at positive pressures.

 J. W. K. Ferguson.

 Proc. Assoc. Comm. Aviation Med. Research February 27, 1943,
 Appendix F.

Open Oxygen Systems

- 23. Flight trials of the Pioneer oxygen demand valve, type A.12. Flying Personnel Research Comm. FPRC 555, 17 Nov. 1943.
- 24. Flight trials on C3 demand valves.

 Pollard, Milne, Fry, and Kimpton.

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC
 14 July 1944, Appendix H.
- 25. Handbook of respiratory data in aviation.

 D. W. Bronk et al.

 Filed with: Reports, Comm. Oxygen and Anoxia 1944.
- 26. Harmful effects of too rapid ascent in aircraft.

 Behnke, Feen, and Willmow.

 Filed with: Navy Dept., Bureau Ships 30 December, 1940.
- 27. Impairment in psychomotor performance with the Type A-13 pressure demand oxygen system at 45,600 feet simulated altitude.
 R. B. Loucks.
 War Dept., Air Forces, Randolph Field No. 308(1) 9 Aug. 1944.
- 28. Improvement of oxygen supply systems of military aircraft and associated physiological problems. Status report, OEMcmr-26.
 G. A. Millikan and A. J. Rawson.
 Special CAM Report 30 April, 1946.
- 29. Instructions for the use of R.C.A.F. personal oxygen assemblies.
 E. C. Black.
 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 14 July 1944, Appendix K.
- 30. Instrument for service testing diluter-demand oxygen equipment in aircraft: Construction, use and evaluation.
 R. K. Skow.
 Navy Dept., Naval Air Training Center, Pensacola, Fla.,
 Project X-597(Av-307-f)(1) 6 Nov. 1945.
- 31. Instrument for service testing diluter-demand oxygen equipment in aircraft: Testing procedure and maintenance of.

 R. K. Skow
 Navy Dept., Naval Air Training Center, Pensacola, Fla.,
 Project X-597(Av-307-f)(2) 17 Nov. 1945.
- 32. Investigation of personal equipment type of demand valve.
 Wilhelm, Findlay, Armstrong and Pollard.
 Report F.P.R.C. No. 413, Appendix H.
- 33. Italian automatic continuous flow oxygen regulators.
 H. L. Burns.
 War Dept., Air Forces, Eng-49-447-31-D, 10 Feb. 1944.

- 34. Laboratory tests on production models of the type C3 demand valve. Fry, Black, Kerr, and Pollard.

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 14 July 1944, Appendix L.
- 35. Manual of oxygen and intercommunication equipment. 2nd ed. (CAP 307). Sub-committee Oxygen Equipment, NRCC.
 Report, Comm. Oxygen Equipment, NRCC Oct. 1943.
- 36. Methods for testing Canadian demand valves in the field with a note on testing American A.12 demand valves.

 F.E.J. Fry and E. A. Pollard.

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March 1945, Appendix D.
- 37. Mine Safety Appliance Co. oxygen rebreather and demand equipment. Ferguson, Coles and Kark.

 Misc. Canadian Aviation Report No. 72 23 March, 1942.
- 38. Modification of component parts of the opening mechanism in the C2F oxygen demand valve.

 F. B. Thompson.

 Proc. Exec., Assoc. Comm. Aviation Med. Research December 3, 1942, Appendix G.
- 39. Modifications of constant flow oxygen mask assembly to improve acoustic efficiency.

 Smith, Rogers, and Goodwin.

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 14 July, 1944, Appendix N.
- 40. Operation of oxygen demand regulators in the cold.

 E. S. Turrell and H. S. Belding.

 Harvard Fatigue Lab. Report No. 58 30 January 1943.
- 41. Outline of general system and details of demand valve.
 J. O. Wilhelm.
 Report F.P.R.C. #413, Appendix G.
- Oxygen breathing equipment in the Focke Wulf 190 with a report on the improved Draeger Diluter Demand Regulator incorporating a safety pressure mechanism.
 J. A. Mathis and B. G. King.
 Naval Med. Research Inst., Misc. 12 May, 1944.
- 43. Oxygen equipment.
 War Dept., Air Forces, TSELA-3-697-11, 28 Feb. 1945, Appendix H.
- 44. Oxygen expenditure by aircrew in combat.

 V. J. Wulff and Mary Bennett.

 War Dept., Air Forces, TSEAL-3-660-83C, 25 Sept. 1945.
- 45. Oxygen sense.
 Air Ministry AM Pamphlet 165, 1st edition, Jan. 1944.

- 46. Oxygen system installations; Boeing Aircraft Company, Seattle Plant.
 P. V. Bartlett.
 War Dept., Air Forces, TSEAL-3-660-53-0-1, 10 April 1945.
- 47. Performance of developmental models of C3B air-oxygen demand valves at different input pressures of oxygen.
 E. A. Pollard and F. E. J. Fry.
 Proc. Exec., Assoc. Comm. Aviation Med. Research May 10, 1943, Appendix F.
- 48. Performance of developmental models of C3B air-oxygen demand valve at low temperature.

 Fry, Black, and Pollard.

 Proc. Exec., Assoc. Comm. Aviation Med. Research May 10, 1943, Appendix D.
- 49. Performance requirements for a reducing valve for use with an air oxygen demand valve.

 Ferguson, Shortreed and Fry.

 Proc. Assoc. Comm. Aviation Med. Research 25 Feb. 1944,
 Appendix I.
- 50. Personnel equipment problems in ETOUSA and NATOUSA. Appendix 7:
 New German demand oxygen equipment.
 A. P. Gagge.
 War Dept., Air Forces, ENG-49-695-34, 20 Sept. 1943.
- 51. Personnel equipment problems in ETCUSA and NATOUSA. Appendix 2:
 Oxygen problems in ETCUSA.
 A. P. Gagge.
 War Dept., Air Forces, ENG-49-695-34, 20 Sept. 1943.
- 52. Physiological testing of Baldwin Rubber Company Mask.
 C. L. Gemmill and C. H. Fugitt.
 Navy Dept., Naval Air Training Center, Pensacola, Fla. Project X-314 (Av-188-f), report No. 1 (final) 5 April, 1944.
- 53. Preliminary production specification for demand valve, type C₁, ACR-52-5, issue 1.

 Dept. Nat. Defence for Air, RCAF.

 Royal Canadian Air Force 4 March, 1942.
- 54. Preliminary production specification for RCAF demand oxygen assembly.

 ACR-52-1, issue 1.

 Dept. Nat. Defence for Air, RCAF.

 Royal Canadian Air Force 4 March, 1942.
- 55. Preliminary report of points of interest in aviation medicine and physiology in Belgium and France.
 R. H. Winfield.
 War Dept., Combined Intelligence Objectives Subcomm. Report No. 8. 8 Jan. 1945.

- 56. Problem of equivalent altitude.
 J. K. W. Ferguson.
 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 March,
 1944, Appendix J.
- 57. P-47C airplane, low pressure oxygen demand system.
 Charles Castellano.
 War Dept., Air Forces, ENG-49-430-21, June 28, 1943.
- 58. P-39 airplane, low pressure oxygen demand system.
 Charles Castellano.
 War Dept., Air Forces, ENG-49-430-26, July 6, 1943.
- 59. Recommendations re oxygen equipment.

 E. C. Black and J. K. W. Ferguson.

 Misc. Canadian Aviation Report No. 4 12 March, 1941.
- 60. Reducing valves, regulators and economiser bags. Administration of oxygen to aviators.

 W. M. Boothby.

 War Dept., Air Forces, miscellaneous Mayo Aero Med. Unit, report No. 1 to Comm. Oxygen, NRC, 15 Jan. 1943.
- 61. Report of meeting of Subcommittee on Oxygen Equipment. Demand valve C3B, sizing of masks, training courses.

 Proc. Exec., Assoc. Comm. Aviation Med. Research Dec. 3, 1942, Appendix B.
- 62. Report of meeting of Subcommittee on Oxygen Equipment. Manual, demand valve C3B, rubber substitutes for masks, pressure breathing.

 Proc. Exec., Assoc. Comm. Aviation Med. Research October 21, 1942, Appendix A.
- 63. Report on German oxygen equipment.
 H. L. Roxburgh.
 FPRC report No. 539 4 Aug., 1943.
- 64. Report on oxygen medical set, Model No. 37 Vatra Czechoslovakian make.
 A. B. Christie, Jr.
 War Dept., SGO, Captured Med. Equip. Report No. 40 12 Feb. 1945.
- 65. Report on the M.S.A. oxygen rebreather and demand equipment (referred to in F.P.R.C. 446 (a) para, 1(b)).

 Ferguson, Coles, and Kark.

 FPRC report No. 449e.
- 66. Standardisation of oxygen equipment for British, Canadian and U. S. aircraft position in May, 1942. (a) 100 Canadian mask demand valve and microphone assemblies promised for Service trials in U. K. (see Minute 232(b)).

 FPRC report No. 449 (a).

Open Oxygen Systems

- 67. Status of demand valves.

 Ferguson, Gilson, and Matthews.

 F.P.R.C. report No. 483 August 15, 1942.
- 68. Studies on various types of male quick disconnects.
 L. D. Carlson.
 War Dept., Air Forces, Eng-49-660-55, 16 Feb. 1944.
- 69. Sufficiency of the British oxygen flows with the Canadian constant flow equipment.

 E. T. Waters and J. S. Hart.

 Proc. Assoc. Comm. Aviation Med. Research October 22, 1942,
 Appendix G.
- 70. Summary of Unit Oxygen Officers' opinion of demand equipment.
 S. R. M. Reynolds.
 War Dept., Air Forces, Randolph Field No. 80 (1) September 22,
 1943.
- 71. Supplementary report on operation of oxygen demand regulators in a low pressure chamber at cold temperatures.

 Belding, Turrell, and Johnson.

 Harvard Fatigue Lab. Report No. 66 6 March, 1943.
- 72. Technical manual for low pressure chamber operators.

 C. F. Gell et al.

 Navy Dept., Bur. Med. and Surg., Aviation Med. Div. undated (rec'd NRC-CMR 5 May 1945).
- 73. Testing of Pioneer oxygen demand regulators, type A-12.

 J. S. Morganstein.

 War Dept., Air Corps, Materiel Div. EXP-M-49-696-11c.
- 74. Tests on demand type oxygen tubing containing reclaim rubber and new cloth insert.

 J. S. Hart.

 Proc. Exec., Assoc. Comm. Aviation Med. Research December 3, 1942, Appendix E.
- 75. Use of the Canadian demand valve with existing oxygen equipment of the R.A.F.

 From N.R.C. of Canada report.

 F.P.R.C. report No. 453.

E. Oximeters

- 1. Accuracy of modified Millikan oximeter with (a) automatic compensation for vasomotor changes in the ear and (b) amplifier-recorder apparatus for obtaining a continuous graphic record of blood oxygen saturation. A. Hemingway and C. B. Taylor CAM report #256 1 Feb. 1944
- 2. Comparison of alveolar oxygen pressures, oximeter readings and percentage of saturation of hemoglobin. OFMemr-129.

 W.M. Boothby and F.J. Robinson
 CAM Report #163, June, 1943
- 3. Design of the oximeter, warning and flight models, progress report as at lst Sept., 1941. Johnson Foundation, U.S.A.

 Report F.P.R.C.#388.
- 4. Further development of oximeters, warning and recording flight models. F.P.R.C. report 388a
- 5. Handbook of respiratory data in aviation.

 D. W. Bronk et al

 Filed with: Reports, Comm. Oxygen and Anoxia 1944 (Filed outside of binder)
- 6. Method for the continuous analysis of alveolar air. Interim report,

 0EMcmr-147.

 Hermann Rahn et al (W. O. Fenn)

 CAM Report #476 20 Oct. 1945
- 7. Method for the determination of carbon monoxide in alveolar air, together with a correlation of values thus obtained with carboxyhemoglobin concentrations in blood.
 H. I. Chinn
 War Dept., Air Forces, Randolph Field #233 (1) 5 April 1944
- 8. Oxygen economizer for use in adapting demand masks to free flow systems.

 OEMcmr-26.

 J. R. Pappenheimer and J. C. Lilly

 CAM Report #359 August 1944
- 9. Quantitative measurement of changes in blood content of the human ear with a modified oximeter.
 G. C. Ham
 Special CAM report 10 June 1943
- 10. Quantitative measurement of changes in blood content of the human ear with a modified oximeter. OEMcmr-20.

 Ham, Patterson, and Landis
 CAM report #188, 10 June 1943

F. Oxygen

- Amount of oxygen required by men of various physiques performing work analogous to that done in the operation of an airplane.
 P. V. Karpovich
 War Dept., Air Forces, Randolph Field Report #74 (1) - April 26, 1943
- 2. Arterial oxyhemoglobin percentages measured at and computed for altitude.
 V. J. Wulff
 War Dept., Air Forces, ENG-49-660-48-A, 13 Nov., 1943
- 3. Arterial oxyhemoglobin saturations at critical pressure-altitudes breathing various mixtures of oxygen and nitrogen (with a note on the effect of exercise).

 J. L. Lilienthal, Jr. and R. L. Riley
 Navy Dept., Naval Air Training Center, Pensacola, Fla. Project X-323(Av-184-f) (4), 12 Oct. 1944
- 4. Aviation medical problems in African, Indian and Chinese theatres of operation.
 R. Lovelace, II
 War Dept., Air Forces, Engin. Div., ENG-M-49-697-1B, May 1, 1943
- 5. Aviation medical problems in African, Indian and Chinese theatres of operation, Appendix 5: Oxygen inspection of the 376th and 98th groups. (Nov. 2%, 1942) S.S. Sack
 R. Lovelace, II
 War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943
- 6. Aviation medicine and physiology.
 R. H. Winfield
 War Dept., Combined Intelligence Objectives Subcomm. Report #99,
 8 Jan. 1945
- 7. Cardio-vascular readjustments in anoxia and asphyxia with particular reference to the effect of oxygen administration in these conditions. Final report.

 G. W. Stavraky

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 29 Sept. 1944, Appendix C1
- 8. Cardiovascular response to the breathing of 100% oxygen at normal barometric pressure. Interim report, OEMcmr-74.
 W. V. Whitehorn and Abraham Edelmann (F. A. Hitchcock)
 CAM Report #474 13 Sept. 1945
- 9. Charts. Oxygen requirements, alveolar pressures, blood oxygen determinations, hyperventilation, etc.
 War Dept., Air Forces, miscellaneous Mayo Aero Med. Unit,
 June 1943
- 10. Chronological development of symptoms in "bends" in subjects breathing pure oxygen with neurological report.

 Metthews and Carmichael.

 Report Comm. Aviation Medicine No. 22, Oct. 5, 1941

- ll. Committee representing U.S. Army Air Corps, R.C.A.F., and British Aircraft Commission to correlate methods of oxygen supply.
 Min. Assoc. Comm. Aviation Med. Research, Dec. 18, 1941,
 Appendix A. N.R.C.C.
- 12. Comparative effects of toxic doses of digitalis and of prolonged deprivation of oxygen on the electrocardiogram, heart and brain. W. M. Boothby et al
 War Dept., Air Forces, miscellaneous Mayo Aero Med. Unit, special report #2, 17 July 1942
- 13, Comparison of alveolar oxygen pressures, oximeter readings and percentage of saturation of hemoglobin. OEMcmr-129.

 W. M. Boothby and F. J. Robinson
 War Dept., Air Forces, Misc. Mayo Aero Med. Unit Report #2 to Comm. Oxygen, NRC, 20 April 1943
- 14. Comparison of vascular and extravascular bubbles following decompression from high pressure atmospheres of oxygen, helium-oxygen, argon-oxygen and air.

 Gersh, Hawkinson and Jenney
 Naval Med. Research Inst. Project X-284(5), 8 Nov. 1944
- 15. Compendium of aviation medicine.
 Siegfried Ruff and Hubertus Strughold
 Special CAM Report 1942
- 16. Conference with the Subcommittee on Oxygen.

 L. D. Carlson
 War Dept., Air Corps, Materiel Div. EXP-M-49-696-11B,
 Aug. 14, 1942
- 17. Criteria for testing oxygen supply systems.

 CAM Report #20 August 7, 1941
- 18. Demand for oxygen in the air.

 Burton, Macdougall, and Bazett

 Min. Assoc. Comm. Aviation Med. Research 5/16/42, Appendix A
- Derivation and certain uses of an equation relating alveolar composition to altitude.
 J. S. Gray
 War Dept., Air Forces, Randolph Field #131 (1) April 12, 1943
- 20. Determination of arterial oxygen saturations from samples of "capillary" blood.

 J. L. Lilienthal and R. L. Riley

 CAM Report #297 9 Feb. 1944
- 21. Development of oxygen carrying chemicals.

 NDRC report, Div. B, serial #245 May 14, 1942

<u>Oxygen</u>

- 22. Direct method for determination of oxygen and carbon dioxide tensions in blood.
 R. L. Riley
 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-450(Ar-236-f)(1) 9 Jan. 1945
- 23. Direct method for determination of oxygen and carbon dioxide tensions in blood.

 R. L. Riley

 Navy Dept., Naval Air Training Center, Pensacola, Fla.,

 Project X-450(Av-236-f)(2) 16 July 1945
- 24. Effectiveness of pre-flight oxygen breathing in preventing decompression sickness. OEMcmr-196.

 F. M. Henry et al

 CAM Report #384 30 Oct. 1944
- 25. Effect of carbon monoxide hemoglobin on the oxygen dissociation curve of blood,
 F. J. W. Roughton and R. C. Darling
 CAM report #93, December, 1942
- 26. Effect of inhalation of high concentrations of oxygen for 24 hours upon normal men at sea level and at a simulated altitude of 18,000 feet. OEMcmr-28.

 J. H. Comroe, Jr. et al

 CAM Report #414 5 March 1945
- 27. Effect of oxygen pre-treatment on decompressed animals, with special reference to their blood haemoglobin values.

 J. Fegler and C. O. Hebb

 FPRC report #541 July, 1943
- 28. Effect of preoxygenation on resistance to aeroembolism: preoxygenation in susceptible individuals.

 Naval Air Training Center, Pensacola

 Naval Air Training Center, Pensacola Project X-141 Navy Dept.,

 February 16, 1943
- 29. Effect of prolonged exposure of the eyes to pure oxygen.
 W. C. Gibson
 Proc. Exec., Assoc. Comm. Aviation Med. Research April 18, 1943,
 Appendix D
- 30. Effect of some cortical stimulating drugs on intellectual and psychomotor performance at 18,000 feet with and without supplementary oxygen.

 P. K. Smith
 War Dept., Air Forces, Randolph Field Report #114 (1) March 20, 1943
- 31. Effect of varying partial pressures of oxygen and carbon monoxide on the uptake of carbon monoxide in man. With a note on the NBS analyser for alveolar CO.

 J. L. Lilienthal and M. B. Pine
 Navy Dept., Naval Air Train. Center, Pensacola, Fla. Project #X-129 (Av-R9-1), report #1 (part 1), 15 Oct. 1943

- 32. Effect of wearing heavy flying clothing on the extra oxygen consumption required for light work.

 A. C. Burton and G. R. Macdougall

 Misc. Canadian Aviation Report #2 10 June, 1941
- 33. Effect on susceptibility to decompression sickness of preflight oxygen inhalation at rest compared to oxygen inhalation during strenuous exercise. OEMcmr-36.

 M. A. Blankenhorn, E. B. Ferris et al
 CAM Report #134 May 5, 1943
- 34. Effects of decreased atmospheric pressures on the oxygen and carbon dioxide tensions in the lungs.
 R. A. F. Physiol. Lab.
 FPRC report #524 May 11, 1943
- 35. Effects of high altitude flight other than those due to oxygen lack:
 what they are and how to manage them. Preliminary report, OEMcmr-36.
 Ferris, Engel, Webb, and Blankenhorn
 Filed with: Reports, Comm. Decompression Sickness 30 July 1943
- 36. Effects of high pressure oxygen on vision.

 J. B. S. Haldane and H. Kalmus
 Report, Subcomm. Underwater Physiology, RNPRC, MRC RNP 44/112,
 May 1944.
- 37. Effects of oxygen and decompression on saliva.

 D. F. Mitchell
 War Dept., Air Forces, Randolph Field #392 (1) 11 June 1945
- 38. Effects on personnel of various concentrations of carbon dioxide and oxygen under conditions of submarine operations.

 W. V. Consolazio et al

 Naval Med. Research Inst. Project X-349, 23 Sept. 1944
- 39. Experiments on oxygen utilization in flight.
 A. P. Gagge
 Report Comm. Aviation Medicine No. 18, July 13, 1941
- 40. Form RCAF F.28 "Instructions for use of personal oxygen assemblies".
 E. C. Black
 Proc. Exec., Assoc. Comm. Aviation Med. Research Dec. 3, 1942,
 Appendix D
- 41. Functional test procedure, low pressure oxygen system, B-17F airplane. Charles Castellano
 War Dept., Air Forces, ENG-49-425-2B July 1, 1943
- 42. Handbook of respiratory data in aviation.

 D. W. Bronk et al

 Filed with: Reports, Comm. Oxygen and Anoxia 1944
- 43. Improvements in instrument for measuring the partial pressure of oxygen.

 Pauling, Wood and Sturdivant

 NDRC report, Div. B, serial 314 August 8, 1942

Oxygen

- 44. Influence of oxygen at high pressure on malarial parasites. OEMcmr-4, in part
 J. W. Bean and R. J. Porter
 Report #A-361, Malaria Board 12 March 1945
- 45. Influence of oxygen deficiency and drugs on flying link trainer.
 R. C. Browne
 Report FPRC #285
- 46. Investigation of oxygen supply.

 E. R. Gilliland

 NDRC report, Div. B, serial #258 June 8, 1942
- 47. Investigation of oxygen supply.

 E. R. Gilliland

 NDRC report, Div. B, serial #200 March 6, 1942
- 48. Manual of oxygen and intercommunication equipment. 1st edition.
 (CAP 307)

 Proc. Exec., Assoc. Comm. Aviation Med. Research 21 Oct. 1942,
 Appendix A
- 49. Manual of oxygen and intercommunication equipment. 2nd ed. (CAP 307).

 Sub-committee Oxygen Equipment, NRCC

 Proc. Exec., Assoc. Comm. Aviation Med. Research, 10 Dec. 1943, p. 7.
- 50. Manufacture of oxygen by use of regenerative chemicals.

 Melvin Calvin

 NDRC report, Div. B, serial #186 February 23, 1942
- 51. Memorandum on oxygen and oxygen equipment.

 J. O. Wilhelm

 Min. Assoc. Comm. Aviation Med. Research Sept. 18 1941, Appendix C

 N.R.C.C.
- 52. Method for the continuous analysis of alveolar air. Interim report, OEMcmr-147.

 Hermann Rahn et al (W. O. Fenn)

 CAM Report #476 20 Oct. 1945
- 53. Observations on methods of increasing resistance to oxygen poisoning and studies of accompanying changes. OEMcmr-47.

 A. L. Barach et al

 Special CAM Report (abstracted) 30 June 1944
- 54. Oxygen absorbent for the Scholander quick gas analyzer. OEMcmr-36. Stevens, Van Fossen, and Ferris CAM report #202 1 Nov., 1943
- oxygen and air pressure at various altitudes as they influence the efficient functioning of the aviator.

 W. M. Boothby
 War Dept., Air Forces, Miscellaneous Mayo Aero Med. Unit, special report #5, 28 Aug. 1942

- 56. Oxygen; aviators' breathing (gas) Army-Navy aeronautical specification AN-O-la dated 31 July 1943.
 R. O. Turner
 War Dept., Air Forces, ENG-49-660-50-A, 10 Sept., 1943
- 57. Oxygen candle for generation of oxygen. Excerpt from News-Letter
 No. 1 to R. Adams from
 T. R. Hogness
 File with: British Admiralty 21 May, 1942
- 58. Oxygen design of independent apparatus and production of dry oxygen.
 Prof. Burton
 Minutes Comm. Aviation Med. Research (Canada) Mch. 9, '40 and
 Appendix B.
- 59. Oxygen, dry. Manufacture and use.
 Report. Dr. E. F. Burton
 Minutes Exec. Assoc. Comm. Aviation Med. Research (N. R. C. C.)
 Jan. 31, '41, Appendix C
- 60. Oxygen indoctrination and oxygen discipline of fighter pilots.
 D. V. Hart and W. H. Bachrach
 War Dept., Air Forces, TSELA-3-697-40, 4 Aug. 1945
- 61. Oxygen intoxication in man.

 Brown, Downman, MacIntosh and Williams
 Report, Royal Naval Personnel Research Comm., MRC RNP 44/94,
 2 Mar. 1944
- 62. Oxygen mask. Anoxiameter for investigating blood oxygen saturation using MK. I economizer with comp. figures using BLB mask. E. A. C. Goldie
 Report, FPRC #232-A, January 28, 1941
- 63. Oxygen purity requirement for Army Air Forces oxygen generators.
 A. M. Cahan
 War Dept., Air Forces, ENG-49-660-50-C, 30 Sept., 1943
- 64. Oxygen requirements as affected by physical activity and by simulated altitudes.

 Hall, Wilson, Bonner and Finkel

 War Dept., Air Forces, ENG-49-696-7C, 11 Nov. 1943
- 65. Oxygen requirements in flight.

 Aero-medical lab. Wright Field

 Report Comm. Aviation Medicine No. 26, Oct. 1, 1941
- 66. Oxygen requirements in flight.

 R.A.F. Physiol. Lab., Farnborough

 FPRC report #521 April 19, 1943
- 67. Oxygen sense.
 Air Ministry AM Pamphlet 165, 1st edition, Jan. 1944

0xygen

- 68. Oxygen source for use in aircraft.

 B. H. C. Matthews and H. L. Roxburgh
 Report FPRC #414 (WAM-982-13), Jan. 29, 1942
- 69. Oxygen tension of arterial blood and alveolar air in normal human subjects. OEMcmr-28.

 J. H. Comroe, Jr. and R. D. Dripps, Jr.

 CAM Report #388 1 Sept. 1944
- 70. Performance as related to composition of alveolar air. Interim report, OEMcmr-147.

 A. B. Otis et al

 Special CAM Report 28 Nov. 1945
- 71. Performance comparison of oxygen and oxygen-CO2 mixtures at 43,300 feet.

 Humm, Liberman and Nims

 CAM Report #335 18 July 1944
- 72. Periodic fluctuations and threshold levels in dark adaptation and the effects produced by paredrine, oxygen, carbon dioxide, and ascorbic acid.

 R. H. Lee et al

 Naval Med. Research Inst. Project X-211 (2), 12 Sept. 1944
- 73. Personnel equipment problems in ETOUSA and NATOUSA. Appendix 2:
 Oxygen problems in ETOUSA.
 A. P. Gagge
 War Dept., Air Forces, ENG-49-695-34, 20 Sept. 1943
- 74. Pertaining to the effect of BZB (dextroamphetamine) and of preoxygenation plus BZB on the incidence of bends, etc.
 A. C. Ivy et al
 CAM report #113 December 23, 1942
- 75. Preliminary report of points of interest in aviation medicine and physiology in Belgium and France.

 R. H. Winfield

 War Dept., Combined Intelligence Objectives Subcomm. Report #8 8 Jan. 1945
- 76. Production of liquid:oxygen.

 NDRC report, Div. B, serial #59 August 14, 1941
- 77. Production of oxygen by the use of a regenerative chemical.
 NDRC report, Div. B, serial #64, August 25, 1941
- 78. Rapid and simultaneous analyses of oxygen and carbon dioxide in respired air by the thermal conductivity method. OEMcmr-196. W. E. Berg
 CAM Report #451 June 1945
- 79. Reference curves for alveolar composition and arterial oxygen saturation at various altitudes.

 J. S. Gray
 War Dept., Air Forces, Randolph Field #290 (1) 15 July 1944

- 80. Relation of pulmonary ventilation to arterial oxygen saturation.
 C. S. Houston and Martha Nez
 Navy Dept., Naval Air Training Center, Pensacola, Fla.,
 Project X-675(1) 15 Dec. 1945
- 81. Relationships in vivo between carbon monoxide, oxygen and hemoglobin in the blood of man at altitude.

 J. L. Lilienthal and R. L. Riley

 Navy Dept., Naval Air Training Center, Pensacola, Fla.
 Project X-409(Av-221-f)(1), 20 Aug. 1945
- 82. Relationships of oxygen, carbon dioxide and hemoglobin in the blood of man: Oxyhemoglobin dissociation under various physiological conditions.

 R. L. Riley and J. L. Lilienthal, Jr.

 Navy Dept., Naval Air Training Center, Pensacola, Fla.,

 Project X-490(Av-260-f) (1) 11 Sept. 1945
- 83. Renal function in man at reduced partial pressures of oxygen. OEMcmr-38.
 R. W. Clarke, L. F. Nims et al
 CAM Report #138 May 25, 1943
- 84. Report on "A light-weight instrument for indicating the partial pressure of oxygen in gases" to May 13, 1941.

 NDRC report, Div. B, serial #36 June 6, 1941
- 85. Report on development of a burette for analyzing high concentrations of oxygen in gas mixtures.

 W. V. Consolazio and L. J. Pecora

 Naval Med. Research Inst., Project NH6-1/All/NMRI-51, 27 April 1944
- 86. Scales of oxygen supply for the therapeutic use of oxygen in aircraft.

 J. K. W. Ferguson

 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 April 1944,
 Appendix I
- 87. Simple oxygen moistener for use at ground level.

 W. C. Gibson

 Proc. Exec., Assoc. Comm. Aviation Med. Research April 8, 1943,
 Appendix E
- 88. Studies and experimental investigations in connection with the effects of low oxygen pressure on nutritional requirements. Annual report, OEMcmr-224.

 C. G. King
 Filed with: Reports, Comm. Med. Nutrition 1 Oct., 1943
- 89. Studies of positive pressure breathing. Subjective, clinical and psychological effects of breathing 100% oxygen at a pressure of 15 mm. Hg at a simulated altitude at 42,300 feet (126 mm. Hg). A. L. Barach et al CAM Report #280 14 Feb. 1944

Oxygen

- 90. Use of oxygen and oxygen equipment.

 Aero-Med. Research Lab., Wright Field

 War Dept., Air Forces Misc. 1 July 1943 (revised 20 Sept. 1943)
- 91. Utilization of oxygen by the brain in traumatic shock. OEMcmr-6.
 Alfred Blalock
 Report #46 (abstracted), Comm. Shock 8 Aug. 1944
- 92. Value of carbon dioxide in counteracting the effects of low oxygen.
 Gibbs, Gibbs, Lennox and Nims.
 Comm. Aviation Med., Report #47

- 1. Adaptation of aviator's oxygen equipment to allow underwater escape.

 H. C. Bazett and B. Libet

 CAM Report #284 10 March 1944
- 2. Additional tests on the SAM oxygen heater for prevention of mask freezing.
 Allan Hemingway
 War Dept., Air Forces, Randolph Field #300(3) 11 Nov. 1944
- 3. Aero-medical exploitation, Germany 1945.
 W. F. Sheeley
 War Dept., Air Forces, Misc. 1 Feb. 1945 to 15 Oct. 1945
- 4. Air Staff Post-hostilities Intelligence Requirements on German Air Force.
 0. B. Schreuder et al
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 Aug. 1945
- 5, Appraisal of the University of California (Tobias-Weitbrecht)
 manual resuscitator.
 Vollmer, Whaley and Perkins
 Naval Med. Research Inst. Project X-486(6), 1 Aug. 1945
- 6. A-13A mask heater, internal.
 R. G. Holmes
 War Dept., Air Forces, TSEAA-660-95, 28 Feb. 1946
- 7. Aviation medical problems in African, Indian and Chinese theatres of operation. Appendix 6: Oxygen generating unit (trailer type). R. Lovelace, II
 War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943
- 8. C.A.P. 307, Volume II Manual on oxygen and intercommunication equipment. (Detailed information).
 E. C. Black et al Proc. Assoc. Comm. <u>Aviation Med. Research</u>, NRCC 29 Sept. 1944, Appendix H
- 9. C.A.P. 307 2nd edition Manual on oxygen and intercommunication equipment.

 J. K. W. Ferguson et al

 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 April 1944,
 Appendix C
- 10. Captured German engine-driven oxygen charging apparatus.
 W. G. Kulesz
 War Dept., Air Forces, ENG-49-660-15-Q-1, 16 Jan. 1944
- 11. C-K oxygen unit, a chemical demand system. OEMcmr-26. G. A. Millikan et al CAM Report #443 - June 1945

- 13. Comparative testing of oxygen equipment.
 C. L. Gemmill et al
 Navy Dept., Naval Air Training Center, Pensacola Project
 X-143 (Av-R2-6), 23 September, 1943
- 14. Comparison of oxygen equipment.

 Dept. of Commerce 13 Oct. 1942
- 15. Compendium of aviation medicine.
 Siegfried Ruff and Hubertus Strughold
 Special CAM Report 1942
- 16. Computer, oxygen supply duration.

 Hecht, Edwards and Jones
 War Dept., Army Air Forces Board Report #7 8 Feb. 1945
- 17. Criteria promulgated by the Chief of the Bureau of Medicine and Surgery as to physiological requirements applying to the design and testing of oxygen breathing equipment for use of naval aircraft. Filed with: Navy Dept., Bur. Med. & Surg. undated (rec'd NRC 9 November 1943)
- 18. Determination of comparative oxygen economies of oxygen equipment.

 J. H. Weatherby

 Navy Dept., Naval Air Training Center, Pensacola, Fla.
 Project X-174 (Av-R2-7), report #3 20 March 1944
- 19. Development of oxygen equipment. Physiological criteria to be considered by engineers.

 W. M. Boothby

 War Dept., Air Forces, miscellaneous Mayo Aero Med. Unit, special report #3, 20 Aug. 1942
- 20. Development of R.C.A.F. and R.A.F. Ferry Command service oxygen equipment. Decompression chamber for testing.

 Min. Assoc. Comm. Aviation Med. Research, June 6, 1941, Appendix A
- 21. Devices used in demonstrating anoxia and the use of oxygen equipment.

 Navy Dept., Naval Air Station, Miami, Fla. 7 Mar. 1944
- 22. Directions for the use of a convenient apparatus for checking air oxygen mixtures delivered by demand valves during flight.

 J. W. Thompson and H. W. Smith

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 29 Sept. 1944,

 Appendix E
- 23. Dragerwerk, Lubeck, Germany. (Translation)

 W. R. Lovelace et al

 War Dept., Combined Intelligence Objectives Subcomm. Report #85
 13 May 1945

- 24. Effect of the type A-3 oxygen flow indicator installation, on oxygen consumption of Pioneer type A-12 diluter demand regulators.

 H. L. Burns
 War Dept., Air Forces, ENG-49-660-52-E, 25 April 1944
- 25. Evaluation of targets investigated and summary of information obtained pertaining to research in aviation medicine for the German Air Force.

 W. R. Lovelace and V. J. Dulff
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 4 Aug. 1945
- 26. Evaluation of the Aero Medical Laboratory altitude pressure bag in airplane flights.
 C. A. Tobias et al
 CAM Report #277 23 Feb. 1944
- 27. Evaluation of the altitude pressure bag. (TED No. UNL 2546)
 B. G. King and P. H. Futcher
 Naval Med. Research Inst., Project X-303, 22 March 1944
- 28. Experiments on a high-economy demand-diluter-rebreather oxygen supply system. Interim report, OEMcmr-26.
 G. A. Millikan
 Special report, CAM 4 October 1943
- 29. Flexibility of a low rubber content compound used in making accordion tube 6D/142.

 E. C. Black
 Proc. Assoc. Comm. Aviation Med. Research October 22, 1942, Appendix J
- 30. Flow requirements for the H-2 emergency oxygen bottle.

 K. E. Penrod

 War Dept., Air Forces, ENG-49-696-7A, 17 July, 1943
- 31. Functional characteristics of the carry-on type manual pressure breathing oxygen regulators and associated equipment.

 H. L. Burns

 War Dept., Air Forces, ENG-49-660-52-B, 12 March 1944
- 32. German aircraft oxygen equipment.
 R. C. London and J. C. Gilson
 FPRC Report #644 undated (rec'd NRC-CMR 31 Oct. 1945)
- 33. German occupation and disarmament: Aviation medical aspects in Schleswig-Holstein.

 W. K. Stewart and H. L. Roxburgh
 FPRC #627 May 1945
- 34. German rescue breathing apparatus.
 E. D. Buie
 War Dept., Combined Intelligence Objectives Subcomm. Report #4 11 Nov. 1944

- 35. G-l back pack assemblies,
 J. W. Green
 War Dept., Air Forces, ENG-49-660-48-C, 23 March 1944
- 36. Gunfire tests of oxygen cylinder subjected to gasoline flow.
 E. V. Rupp
 War Dept., Air Forces, Eng-49-660-14-L-9, 9 Feb. 1944
- 37. Gunfire tests conducted on German oxygen cylinders made of aluminum.
 E. V. Rupp
 War Dept., Air Forces, Eng-49-660-14-I-8, 15 Nov., 1943
- 38. Heaters for oxygen masks.

 Hemingway, Masland and Taylor

 War Dept., Air Forces, Randolph Field #300(2) 11 July 1944
- 39. Improvement of oxygen supply systems of military aircraft and associated physiological problems. Status report, OEMcmr-26. G. A. Millikan and A. J. Rawson Special CAM Report 30 April 1946
- 40. Indoctrination of German fliers use of oxygen. (Translation of German handbook)

 War Dept., U. S. Strat. Air Forces in Europe, Med. Intell. Bull.

 #21 5 Jan. 1945
- 41. Indoctrination of twenty-one crews of the 307th Bombardment Group.
 W. M. Boothby
 War Dept., Air Forces, Misc. Mayo Aero Med. Unit, Series A
 Report #2, 30 Oct. 1942
- 42. Information compiled from questionnaires issued with equipment for service test in Alaska.

 J. E. Burns

 War Dept., Air Forces, ENG-49-660-60, 8 April 1944
- 43. Inspection of generator, oxygen (gas) portable.
 R. O. Turner
 War Dept., Air Forces, Eng-49-660-50-E, 4 Dec., 1943
- 44. Instructions for the use of R.C.A.F. personal oxygen assemblies.

 E. C. Black
 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 14 July 1944, Appendix K
- 45. Instructions governing the altitude training porgram.

 B. M. Giles
 War Dept., Air Forces, Misc. 25 May 1944
- 46. Interrogation of combat veterans.

 N. E. Collias and W. H. Bachrach

 War Dept., Air Forces, TSEIA-3-697-15, 17 May 1945

- 47. JAN valve standardization.
 P. M. Thomas
 War Dept., Air Forces, ENG-49-660-22-Y-1, April 29, 1943
- 48. Japanese chemical oxygen generator.

 'A. M. Cahan

 War Dept., Air Forces, ENG-49-660-45-H, 20 Dec. 1943
- 49. Leaflet for medical officers on pressure breathing oxygen equipment. FPRC Report #628, Appendix II Aug. 1944
- 50. Leaking of non-return valves in Mark IV pieces connecting high pressure oxygen.

 J. S. Hart and J. Shortreed

 Proc. Assoc. Comm. Aviation Med. Research October 22, 1942,

 Appendix F
- 51. Manual resuscitator.
 C. A. Tobias and R. Weitbrecht
 CAM Report #334 29 July 1944
- 52. Measurement of the dead space of breathing sets.

 H. B. Barlow and F. C. MacIntosh
 Report, Royal Naval Personnel Research Comm., MRC-RNP 44/100,
 April 1944
- 53. Mechanical behavior of the Burns pneumatic balance resuscitator.
 Interim report, OEMcmr-147.
 Fenn, Otis and Rahn
 Special CAM Report 30 Sept. 1945
- 54. Mechanical leakage tester for pressure breathing equipment, J. T. Bonner War Dept., Air Forces, Eng-49-696-7H, 21 Feb. 1944
- 55. Mechanical tests conducted with a thickened specification AN-C-86a compound; rectorseal No. 15.
 S. S. Umpleby
 War Dept., Air Forces, TSELA-3-660-59-U, 10 April 1945
- 56. Meeting on requirements for oxygen regulators. Wright Field.
 October 11 & 12, 1943
 A. J. Rawson
 Special Report, CAM undated
- 57. Model B-24G airplane: oxygen system installation.
 P. V. Bartlett
 War Dept., Air Forces, Eng-49-660-8-B, 14 March 1944
- 58. Modification of resuscitator and inhalator, item No. 37261.
 A. M. Cahan
 War Dept., Air Forces, ENG-49-660-49-G, 27 March 1944

- 59. Notes on the Japanese chemical oxygen generator for aircraft. OEMcmr-26.

 J. R. Pappenheimer

 CAM Report #427 April 1945
- 60. Optical flow meter.

 W. E. Hull

 War Dept., Air Forces, Eng-49-696-42C, 5 Jan. 1944
- 61. Oxygen equipment.
 War Dept., Air Forces, PIF undated (rec'd NRC-CMR 5 Feb. 1945)
- 62. Oxygen equipment.

 War Dept., Air Forces, TSELA-3-697-11, 28 Feb. 1945, Appendix H
- 63. Oxygen equipment. High pressure "monitor" valve.
 B. H. C. Matthews
 FPRC report #472 July 15, 1942
- 64. Oxygen equipment. Report
 E. C. Black and J. K. W. Ferguson
 Min. Assoc. Comm. Aviation Med. Research, June 6, 1941, Appendix U,
 NRCC
- 65. Oxygen line safety clamps.
 C. A. Tobias
 CAM Report #311 20 May 1944
- 66. Oxygen safety device for bomber crews. OEMcmr-196
 Tobias, Lindsay, Chalfant, and Lawrence
 CAM Report #322 19 May 1944
- 67. Oxygen sense.

 Air Ministry AM Pamphlet 165, 1st edition, Jan. 1944
- 68. Oxygen system installations; Lockheed Aircraft Corporation.
 P. V. Bartlett
 War Dept., Air Forces, TSELA-3-660-53-S-1, 30 April 1945
- 69. Oxygen transfer pump (German)
 E. G. Asherman
 War Dept., SGO, Captured Med. Equip. Report #55 27 April 1945
- 70. Oxygen treatment apparatus old type for use with troops German Army.
 0. C. Raines
 War Dept., SGO, Captured Med. Equip. Report #46 17 March 1945
- 71. Panel, oxygen, central warning.

 Benoit, Lovelace and Carlson

 War Dept., Air Forces, TSEAL-3-660-75, 11 April 1945
- 72. Peak rates of oxygen flow from oxygen supply systems.

 J. H, Weatherby and A. S. Burt

 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project
 X-324(3) 1 March 1945

- 73. Peak rates of oxygen flow from oxygen supply systems: description of a low intertia flowmeter.

 J. H. Weatherby and A. S. Burt

 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project

 X-324(Av-185-f)(2) 13 Dec. 1944
- 74. Peak rates of oxygen flow from oxygen supply systems: Effect of surge tanks on peak rates.

 Weatherby, Patterson and Burt
 Navy Dept., Naval Air Training Center, Pensacola, Fla.,
 Project X-324(4) 5 March 1945
- 75. Performance requirements for a reducing valve for use with an air oxygen demand valve.

 Ferguson, Shortreed and Fry

 Proc. Assoc. Comm. Aviation Med. Research 25 Feb. 1944, Appendix I
- 76. Performance tests on a vertical spring relief valve.

 V. J. Wulff and Ward Rice

 War Dept., Air Forces, TSELA-3-660-61-K, 26 March 1945
- 77. Permissible expiratory resistance in aircraft oxygen equipment.

 J. H. Weatherby

 Navy Dept., Naval Air Training Center, Pensacola, Fla.,

 Project X-611(Av-313-s)(1) 1 Sept. 1945
- 78. Personnel equipment problems in ETOUSA and NATOUSA. Appendix 4:
 The personnel equipment officer.
 A. P. Gagge
 War Dept., Air Forces, ENG-49-695-34, 20 Sept. 1943
- 79. Physiological and clinical studies on man with the pneumatic balance resuscitator "Burns Model".

 H. I. Motley
 War Dept., Air Forces, TSELA-3-660-49-0. 23 Aug. 1945
- 80. Physiological evaluation of U.S. Army Air Forces H-2 bail-out oxygen equipment.

 Shelesnyak, Whaley and Goldman
 Naval Med. Research Inst. Project X-440, 28 Aug. 1944
- 81. Physiological requirements of sealed high altitude aircraft compartments.

 H. G. Armstrong
 War Dept., Air Forces, Wright Field, Misc. 19 Dec. 1935
- 82. Physiological specifications for the design of aviation oxygen equipment.

 Navy Dept., Bur. Med. and Surg., Research Div. Jan. 1946
- 83. Pneumatic balance resuscitator.

 H. L. Burns
 War Dept., Air Forces, TSEAL-3-660-65-C, 27 Nov. 1944
- 84. Pneumatic balance resuscitator. OEMcmr-147.
 Herman Rahn et al
 CAM Report #424 5 March 1945

- 85. Portable gas flow meter.

 Morris Stadd

 War Dept., Air Forces, TSELA-3-696-78C. 27 Aug. 1945
- 86. Portable oxygen equipment.
 War Dept., Air Forces, PIF undated (rec'd NRC-CMR, 5 Feb. 1945)
- 87. Preliminary report of the interrogation of certain high staff officers of the Luftwaffe medical services.

 H. G. Armstrong et al

 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 July 1945
- 88. Preliminary report on current activities of the R.A.F. Physiological Laboratory, Farnborough.

 A. K. McIntyre
 Report, Comm. Flying Personnel Research, RAAF FR-101B, 14 Dec. 1944
- 89. Present oxygen equipment position in Canada and the U.S.A. FPRC report #446-a
- 90. Present position of oxygen equipment (excluding cylinders, etc.), in U.S.A., Canada and Great Britain.
 Report FPRC #341, undated
- 91. P/W interrogation report: P/W Richter, Joachim.
 War Dept., U.S. Strat. Air Forces in Europe, Misc., 9 Apr. 1945
- 92. R.A.E. Instruction Leaflet No. Inst 425. Pressure breathing equipment; instructions for modification of aircraft oxygen equipment. FPRC Report #628, Appendix I May 1944
- 93. Reaction of aviation personnel at a simulated altitude of 30,000 feet to inspiratory obstruction.

 Dury, Garrett and Tabor

 Navy Dept., Naval Air Station, Norfolk, Va. Project X-616(Av-317-f), 16 Nov. 1945
- 94. Report on captured Japanese equipment. Oxygen generator and charges from type I.S.S.F. Oscar by Oxygen Section No. 1 F.P.R.U., 1st April 1944.

 Report, Comm. Flying Personnel Research, FPRC, RAAF FR 85, 1 April 1944
- 95. Report on "Cascade oxygen system".

 W. F. Giauque

 NDRC report, Div. B, serial "201 March 7, 1942
- 96. Report on Italian oxygen tank and carrying case.
 War Dept., SGO, Captured Med. Equip. Report #18 15 Nov. 1944
- 97. Report on provision of oxygen equipment on ferry aircraft and on aircraft during transatlantic delivery.

 E. A. Pask
 Report FPRC #374 (WAM87-6), undated

- 98. Report on proposed R.C.A.F. oxygen and W/T equipment with special reference to its interchangeability with present and proposed R.A.F. equipment.

 J. C. Gilson
 FPRC report #376 November 20, 1941
- 99. Report on the activities of the Subcommittee on Oxygen Equipment,
 Assoc. Comm. on Aviation Med. Research, National Research Council,
 Canada for the fiscal year 1943-44.
 G. E. Hall and E. C. Black
 Proc. Assoc. Comm. Aviation Med. Research 25 Feb. 1944, Appendix B
- 100. Report on the activities of the Subcommittee on Oxygen Equipment,
 Associate Committee on Aviation Medical Research, National Research
 Council, Canada, for the fiscal year 1944-45.
 Hall, Black and Smith
 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945,
 Appendix A
- 101. Report on the performance of the M.S.A. Navy type oxygen rebreathing apparatus for aircraft use. Interim report, OEMcmr-28.

 A. H. Chambers and S. Goldschmidt (Detlev W. Bronk)

 CAM Report #350 10 Sept. 1944
- 102. Report on U.S. oxygen equipment.
 R.A.F. Physiol. Lab.
 FPRC report #461
- 103. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.

 H. E. Whittingham

 FPRC Report #651 5 Mar. 1946
- 104. Requirements and design characteristics of regulators.

 V. J. Wulff
 War Dept., Air Forces, ENG-49-660-17-F-2, 19 Nov., 1943
- 105. Results of .50 caliber gunfire tests on aircraft type liquid oxygen converters.

 W. H. Kopetz
 War Dept., Air Forces, TSELA-3-660-61-N, 2 June 1945
- 106. Review of oxygen apparatus for aviation in use and development.

 B. H. C. Matthews

 FPRC report #375 November 20, 1941
- 107. Simple spring-loaded expiratory valve.
 H. C. Bazett and A. Rawson
 CAM Report #289 21 April 1944
- 108. Some physiological effects of dead space and the determination of the "critical dead space" in oxygen breathing equipment.

 J. N. Stannard and E. M. Russ
 U. S. Public Health Service, Nat'l Inst. Health, Div., Indust.

 Hygiene 20 Nov., 1943

- 109. Standardisation of British, Canadian, and U. S. oxygen equipment.
 List of items of oxygen equipment (of) standardised, June, 1942.
 FPRC report #449h
- 110. Standardisation of oxygen equipment for British Canadian and U.S. aircraft: position in May, 1942. (a) 100 Canadian mask demand valve and microphone assemblies promised for Service trials in U.K. FPRC report #449(a)
- 111. Standardisation of oxygen equipment in British, Canadian and U. S. aircraft. Items now standardised, June, 1942. FPRC Report #449-f
- 112. Standardisation of oxygen equipment in British, Canadian & U.S. aircraft. Review of the position in March, 1942, by the British Air Commission.

 FPRC report #449 (b)
- 113. Standardisation of oxygen equipment in British, Canadian, and U.S. aircraft.

 FPRC report #449-c, #449-d
- 114. Standardization of oxygen equipment in British, Canadian and U. S. aircraft. Oxygen, intercommunication, and R/T equipment. Position on 5th June, 1942. (Information through R.C.A.F.) FPRC report #449-g
- 115. Standardization or interchangeability of oxygen supply systems in Canadian, American and British aircraft. Recommendations of Assoc. Comm. Aviation Med. Research, Dec. 1941.

 Report FPRC #411 (WAM-982-9)
- 116. Report on visit to Canada and the U. S. A. for liaison in aviation physiology. Preliminary report on oxygen equipment.

 Report FPRC #365 (WAM85-5), October 1941
- 117. Study of the ability of aviation personnel to locate defective parts of oxygen equipment (the A-12 Pioneer diluter-demand regulator and the A-14 oxygen mask).

 A. Dury et al
 Navy Dept., Naval Air Station, Norfolk, Va. Project X-501
 (Av-267-f)(1), 7 Nov. 1945
- 118. Study of the factual knowledge possessed by aviation personnel concerning the use of oxygen and oxygen equipment.

 J. B. Carroll et al

 Navy Dept., Naval Air Station, Norfolk, Va. Project X-501

 (Av-267-f)(2), 7 Nov. 1945
- 119. Sufficiency of the British oxygen flows with the Canadian constant flow equipment.

 E. T. Waters and J. S. Hart

 Proc. Assoc. Comm. Aviation Med. Research Oct. 22, 1942, Appendix G

- 120. Suitability of the Aro test unit for the testing of C3, Pioneer, and Aro demand valves at R.C.A.F. instrument repair sections. Greey, Smith, and Pollard Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 14 July 1944, Appendix J
- 121. Summary of all German oxygen equipment examined at the R.A.F.

 Physiology Laboratory during March to September 1944.

 H. L. Roxburgh

 Report, Comm. Flying Personnel Research FPRC 539a, 18 Oct. 1944
- 122. Summary of investigations on the Burns pneumatic balance resuscitator.
 Interim report, OEMcmr-147.
 W. O. Fenn
 Special CAM Report 30 Sept. 1945
- 123. Summary of tests made on the resistance of matérials and fungicides to mildew, from April to October 1944.

 J. T. Bonner
 War Dept., Air Forces, TSEAL3-696-70, 8 Dec. 1944
- 124. Survey of sources of breathing oxygen conforming with Army-Navy aeronautical specification for aviators' breathing oxygen AN-O-lA. A. M. Cahan
 War Dept., Air Forces, ENG-49-660-62, 21 April 1944
- 125. Technical Intelligence Surmary #3. Medical Department Enemy
 Equipment Intelligence Service Team E.T.O.U.S.A. (Preliminary
 description of newly acquired items of German medical equipment.)
 M. J. Plishner
 War Dept., ETO March 1945
- 126. Technical manual for low pressure chamber operators.

 C. F. Gell et al

 Navy Dept., Bur. Med. and Surg., Aviation Med. Div. undated

 (rec'd NRC-CMR 5 May 1945)
- 127. Tests of Akerman oxygen vaporizer under simulated flight conditions. S. S. Prentiss and J. R. Pappenheimer NDRC Report - 4 May 1944
- 128. Tests of the A-9 mask, and other oxygen equipment.

 D. B. Dill
 War Dept., Air Forces, EXP-54-660-20D, 12 Dec. 1941
- 129. Tests on oxygen rectification equipment.
 S. S. Prentiss
 NDRC report, Div. B, serial #206 March 16, 1942
- 130. Transatlantic flight using the University of Toronto liquid oxygen evaporator.

 H. G. Smith et al

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March 1945, Appendix L

- 131. "Tracheal" versus "alveolar" air: a review of the methods of selecting certain physiological data bearing on the design of oxygen supply system for aviators. OEMcmr-129.

 J. B. Bateman and W. M. Boothby

 CAM report #222 Dec., 1943
- 132. 225 cubic foot oxygen cylinders and valves.

 E. V. Rupp
 War Dept., Air Forces, TSELA-3-660-57-S, 15 March 1945
- 133. United States low pressure "walk around" bottle.

 H. L. Roxburgh

 FPRC report #503
- 134. University of Toronto liquid oxygen unit for large aircraft.

 Smith, Findlay, and Kimpton

 Proc. Exec. Assoc. Comm. Aviation Med. Research, NRCC 14 July 1944,

 Appendix I
- 135. Use of oxygen equipment as reported by fighter pilots.

 D. V. Hart and W. H. Bachrach
 War Dept., Air Forces, TSELA-3-697-41, 4 Aug. 1945
- Use of the type K-l low pressure oxygen gage in determining oxygen duration.
 V. S. Wulff
 War Dept., Air Forces, ENG-49-660-48, 14 August, 1943
- 137. Valve heater for A-13 masks used for pressure breathing.

 Allan Hemingway et al

 War Dept., Air Forces, Randolph Field #300 (4) 27 April 1945
- 138. Ventilation effects induced by the pneumatic balance resuscitator.

 OEMcmr-196.

 W. E. Berg
 CAM Report #444 June 1945
- 139. Wear tests of the R.A.F. oxygen quick disconnect Ref. 6D/606.
 L. D. Sproul
 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March 1945, Appendix K
- 140. Your body in flight.
 War Dept., Air Forces, Misc. 30 Sept. 1944

H. Oxygen Leak Tests

- Apparatus for leak testing of oxygen masks in the field.
 H. W. Smith and J. S. Hart
 Proc. Assoc. Comm. <u>Aviation</u> Med. Research, NRCC 29 Sept. 1944, Appendix G
- 2. Calibration of one plastic pocket leak tester.
 E. P. Vollmer
 Naval Med. Research Inst. Project X-312B, 15 Dec. 1944
- 3. Calibration of two McKesson pocket model leak testers.

 E. P. Vollmer

 Naval Med. Research Inst. Project X-312C, 16 Dec. 1944
- 4. Calibration of two plastic pocket leak testers.

 E. P. Vollmer and D. E. Goldman

 Naval Med. Research Inst. Project X-312A, 29 Nov. 1944
- 5. Comparative leak and comfort tests on unlined and lined C₂ rubber oxygen masks at -40° F.
 J. S. Hart
 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 April 1944, Appendix D
- 6. Comparison of oxygen mask leak testing methods.

 Lilienthal, Riley and Fugitt

 Navy Dept., Naval Air Training Center, Pensacola, Fla.,

 Project X-288 (Av-I66-a) report #2 1 July 1944
- 7. Evaluation of leak testing methods for oxygen masks.

 Henson, King and Goldman

 Naval Med. Research Inst. Project X-312(2), 20 June 1944
- 8. Evaluation of the McKesson leak testing method for oxygen masks. Henson, King and Goldman
 Naval Med. Research Inst. Project X-312(1), 12 April 1944
- 9. Instrument for service testing diluter-demand oxygen equipment in aircraft: Construction, use and evaluation.
 R. K. Skow
 Navy Dept., Naval Air Training Center, Pensacola, Fla.,
 Project X-597(Av-307-f)(1) 6 Nov. 1945
- 10. Instrument for service testing diluter-demand oxygen equipment in aircraft: Testing procedure and maintenance of.

 R. K. Skow
 Navy Dept., Naval Air Training Center, Pensacola, Fla.,
 Project X-597(Av-307-f)(2) 17 Nov. 1945
- 11. Leak tests on A-10R oxygen mask with nasal modification.
 J. E. Burns
 War Dept., Air Forces, ENG-49-660-39L, 1 Sept., 1943

Oxygen Leak Tests

- 12. Measurement of the inspiratory leak of oxygen masks by analysis of expired air.

 J. S. Hart and F. B. Thompson

 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix G, Report #2
- 13. Mechanical leak tester for demand oxygen masks.

 F. E. J. Fry

 Proc. Assoc. Comm. <u>Aviation</u> Med. Research, NRCC 29 Sept. 1944,
 Appendix J
- 14. Method of testing for inspiratory leaks in oxygen masks at No. 1
 Clinical Investigation Unit.
 F. E. J. Fry
 Misc. Canadian Aviation Report #83 21 May 1942
- 15. Modification of BUAER M-117 demand oxygen mask leak tester.
 R. K. Skow and B. E. Vaughan
 Navy Dept., U. S. Naval Air Station, Pensacola, Fla. Project X-692(1), 15 May 1946
- 16. Modified "sniff" tester for detecting mask leak.
 A. Lein
 War Dept., Air Forces, Randolph Field #235 (1) 9 Feb. 1944
- 17. Optimum safety pressures for certain types of oxygen equipment.
 OEMcmr-26.
 G. A. Millikan and R. B. Cherry
 CAM Report #431 April 1945
- 18. Report on aperture method of stating oxygen makk leakage.

 B. G. King
 Naval Med. Research Inst. Project #NH6-1/All/NMRI-46, 23 Feb. 1944
- 19. Report on the activities of the Subcommittee on Oxygen Equipment,
 Associate Committee on Aviation Medical Research, National Research
 Council, Canada, for the fiscal year 1944-45.
 Hall, Black and Smith
 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945,
 Appendix A
- 20. Study of the manner in which mask leaks change with varying negative pressures.
 C. H. Fugitt
 Navy Dept., Naval Air Training Center, Pensacola, Fla.,
 Project X-521(1) (Av-275-f) 29 Jan. 1945
- 21. Technical manual for low pressure chamber operators.

 C. F. Gell et al

 Navy Dept., Bur. Med. and Surg., Aviation Med. Div. undated

 (rec'd NRC-CMR 5 May 1945)

- 22. Theory for safety pressure. OEMcmr-26.
 G. A. Millikan and J. R. Pappenheimer
 CAM Report #419 March 1945
- 23. Theory of inspiratory mask leakage.

 J. S. Hart

 Proc. <u>Exec.</u>, Assoc. Comm. <u>Aviation Med. Research</u>, NRCC 13 March 1945, Appendix A
- 24. Use of aromatic oils as a simple method of detecting and localizing inspiratory leaks in the A-10 mask.

 R. L. Masland

 Randolph Field Report #90 (1) November 2, 1942

I. Oxygen Poisoning

- Biochemical study of pulmonary edema of guinea pigs exposed to high oxygen atmospheres.
 G. E. Hawkinson and Isidore Gersh
 Naval Med. Research Inst. Project X-192(7), 24 Sept. 1945
- 2. Changes in brain potentials during convulsions induced by oxygen under pressure.
 Isidore Gersh and Robert Cohn
 Naval Med. Research Inst. Project X-192 (4), 30 Oct. 1944
- 3. Comparison of wet and dry performances at 60° and 90°. Report VI.

 K. W. Donald

 Report, Subcomm. Underwater Physiology, RNPRC, MRC UPS 13, 6 Apr. 1943
- 4. Effect of breathing oxygen at atmospheric pressure on tissue oxygen and carbon dioxide tensions.

 H. J. Taylor

 Report, Subcomm. Underwater Physiology, RNPRC, MRC RNP 45/231,

 June 1945
- 5. Effects of breathing pure oxygen under pressure. Report X.

 K. W. Donald
 Report, Subcomm. Underwater Physiology, RNPRC, MRC UPS 17, 17 May 1943
- 6. Effects of high pressure oxygen on vision.

 J. B. S. Haldane and H. Kalmus
 Report, Subcomm. Underwater Physiology, RNPRC, MRC RNP 44/112, May 1944
- 7. Interim report on oxygen intoxication in animals, and the effect of drugs on sensitivity to oxygen intoxication.

 H. P. Marks
 Report, Royal Naval Personnel Research Comm., MRC RNP 44/101, April 1944
- 8. Metabolic factors in oxygen poisoning.

 Isidore Gersh and C. E. Wagner

 Naval Med. Research Inst. Project X-192(3), 30 Oct. 1944
- 9. Note on the effect of preoxygenation in the prevention of decompression sickness.

 R. H. Winfield
 Flying Personnel Research Comm. FPRC 542, 16 Aug. 1943
- 10. Oxygen intoxication in Man.

 Brown, Downman, MacIntosh, and Williams
 Report, Royal Naval Personnel Research Comm., MRC RNP 44/94,
 2 March 1944
- 11. Oxygen poisoning.

 O.E. Van Der Aue

 Navy Yard, Experimental Diving Unit undated (rec'd NRC-CMR 16 Sept. 1946)

- 12. Oxygen poisoning in man: Effect of cysteine hydrochloride and ammonium chloride on the time of onset of toxic symptoms.

 W. A. White, Jr.

 Naval Med. Research Inst. Project X-436(1), 13 Aug. 1945
- 13. "Oxygen tension" of the cerebral cortex of cats during oxygen poisoning.

 Gersh, Davies and Larrabee

 Naval Med. Research Inst. Project X-192(6), 7 May 1945
- 14. Oxygen toxicity: A review of the literature. OEMcmr-210.

 W. C. Stadie and B. C. Riggs

 Report #22 (abstracted), Comm. Clin. Invest. 18 Oct. 1943
- 15. Oxygen toxicity. Final report, OEMcmr-210.
 W. C. Stadie
 Filed with: Reports, Comm. Medicine 31 May 1946
- 16. Pneumothorax and extrapulmonic emphysema in cats exposed to oxygen under pressure.

 Isidore Gersh
 Naval Med. Research Inst. Project X-192(5), 30 Oct. 1944
- 17. Prevention of the convulsions of oxygen poisoning by means of drugs, C. C. Pfeiffer and Isidore Gersh
 Naval Med. Research Inst. Project X-192(2), 30 Oct. 1944
 - 18. Report on oxygen poisoning in animals including measurements on oxygen and carbon dioxide tissue gas tensions and the effect of carbon monoxide and carbon dioxide on the sensitivity to oxygen intoxication.

 H. J. Taylor

 Report, Subcomm. Underwater Physiology, RNPRC, MRC RNP 45/237,

 Aug. 1945
 - 19. Syndrome of oxygen poisoning in cats.
 Isidore Gersh
 Naval Med. Research Inst. Project X-192(1), 30 Oct. 1944
 - 20. Time/pressure relationship on oxygen. Report IX.

 K. W. Donald
 Report. Subcomm. Underwater Physiology, RNPRC, MRC UPS 16, 3 May 1943
 - 21. Toxic effects of oxygen on brain metabolism and on tissue enzymes. Frank Dickens
 Report, Subcomm. Underwater Physiology, RNPRC, MRC RNP 44/146,
 March 1944
 - Variation in the oxygen tolerance of human subjects in the wet and in the dry.
 K. W. Donald
 Report, Subcomm. Underwater Physiology, RNPRC, MRC RNP 44/95, March
 1944

J. Oxygen Regulators

- 1. Analysis of the operating qualities of 480 Pioneer diluter oxygen regulators. M. E. Malone Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-600 (Av-308-f)(1) - 30 June 1945
- 2. Appraisal of complete inspiratory obstruction as a warning of oxygen supply failure: Comparison of the Al2 and the Canadian C-3B regulator.

 J. H. Weatherby and A. S. Burt

 Navy Dept., Naval Air Training Center, Pensacola, Fla, Project X-500

 (1) 13 Jan. 1945
- 3. Captured Japanese oxygen regulator used on Japanese suicide rocket planes.
 Robert Holmes
 War Dept., Air Forces, TSELA-3-660-52-M, 15 July 1945
- 4. Combined mixing and flow regulator. OFMcmr-47.

 Morris Eckman and A. L. Barach

 CAM Report #416 15 Feb. 1945
- 5. Cylinder oxygen expenditures of A-12 diluter domand regulators:
 Goldman, King and Henson
 Naval Med. Research Inst. Project NMRI-136, 18 July 1945
- 6. Demand apparatus for automatic delivery of aerosols during the inspiratory cycle. Interim report, OEMcmr-47.

 Morris Eckman et al.

 CAM Report #417 15 Feb. 1945
- 7. Diluter demand oxygen regulator, safety pressure type.
 W. G. Kulesz
 War Dept., Air Forces, TSELA-3-660-86-A, Aug. 1945
- 8. Dragerwerk, Lubeck, Germany. (Translation)
 W. R. Lovelace et al
 War Dept., Combined Intelligence Objectives Subcomm. Report #85 13
 May 1945
- 9. Effect of interrupting the oxygen supply to a regulator on breathing.
 H. G. Swann
 War Dept., Air Forces, TSEAL3-696-69A, 11 Jan. 1945
- 11. Final report of tests on the Eclipse Pioneer Diluter-Demand Oxygen Regulator with the safety pressure attachment.
 Falconer Smith and H. Specht
 CAM Report #423 12 March 1945
- 12. Flight tests of Pioneer Bendix Diluter Demand Regulator (AN-6004-1).

 Mathis, King and Hollar

 Navy Dept., Bur. Med. and Surg., 9 Aug. 1944.

- 13. Functional characteristics of experimental A-14 manual pressure breathing diluter demand oxygen regulators.

 H. L. Burns
 War Dept., Air Forces, ENG-49-660-52-F, 1 June 1944
- 14. Functional characteristics of the Canadian "C3B" demand oxygen regulator.
 R. C. Van Gundy
 War Dept., Air Forces, ENG-49-660-52-G, 21 June 1944
- 15. Further data on the performance of developmental models of the C3B airoxygen demand valve.
 Fry, Black and Pollard
 Proc. Exec., Assoc, Comm. Aviation Med. Research 22 April 1944,
 Appendix E
- 16. Further report on the effect of safety pressure on the performance of diluter demand oxygen regulators.
 Specht, Marshall and Altland
 U. S. Public Health Service, Nat'l Inst. Health, Div. Indust. Hygiene 14 March 1945
- 17. Margin of safety for mask leaks with certain A-12 demand regulators used by the R.C.A.F.

 J. S. Hart

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March 1945

 Appendix F
- 18. Memorandum for flight surgeons. Summary report No. 4.
 War Dept., Air Forces, Misc. undated (rec'd NRC-CMR 21 Mar. 1946)
- 19. Minutes of conference on diluter demand oxygen regulators with safety pressure, held 8 Aug. 1945.

 J. N. Stannard

 Navy Dept., Misc. 1 Sept. 1945
- 20. Monograph for the estimation of the uptake of carbon monoxide by flying personnel breathing air or breathing through a diluter demand regulator. Nello Pace
 Naval Med. Research Inst. Project X-417(9), 9 Aug. 1945
- 21. Optimum safety pressures for certain types of oxygen equipment. OEMcmr-26. G. A. Millikan and R. B. Cherry CAM Report #431 - April 1945
- 22. Oxygen consumption installation of no. 80 orifice in Pioneer regulator
 to type A-3 blinker line.
 G. F. Benoit
 War Dept., Air Forces. ENG-49-660-17-L-2, 3 June 1944
- 23. Oxygen economy with pressure-breathing equipment.
 Wilson, Finkel, and Jordan
 CAM Report #331 5 June 1944

Oxygen Regulators

- 24. Peak rates of oxygen flow from oxygen supply systems.

 J. H. Weatherby and A. S. Burt

 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-324

 (3) 1 March 1945
- 25. Performance of Pioneer Air-oxygen Demand Regulators Type A-12 after strengthening the spring used in the air inlet check valve.

 F. E. J. Fry and E. C. Black

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 29 Sept. 1944, Appendix D
- 26. Permissible expiratory resistance in aircraft oxygen equipment.

 J. H. Weatherby

 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-611

 (Av-313-s)(1) 1 Sept. 1945
- 27. Preliminary report of the interrogation of certain high staff officers of the Luftwaffe medical services.

 H. G. Armstrong et al

 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 July 1945
- 28. Quantitiative characteristics of the C3B demand valve.

 Fry, Pollard and Smith

 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 April 1944,

 Appendix F
- 29. Reaction of aviation personnel at a simulated altitude of 30,000 feet to inspiratory obstruction.

 Dury, Garrett and Tabor

 Navy Dept., Naval Air Station, Norfolk, Va. Project X-616(Av-317-f),
 16 Nov. 1945
- 30. Regulator and cylinder assembly, low pressure portable oxygen (continuous flow).

 D.R. Good
 War Dept., Air Forces, ENG-49-660-17-M-2, 2 June 1944
- 31. Regulator, automatic continuous flow oxygen.

 D. R. Good
 War Dept., Air Forces, TSELA-3-660-68-E, 2 Aug. 1945
- 32. Report of tests on R.A.A.F. type 1 oxygen regulator S/NO. 285.

 Prescott
 Report, Comm. Flying Personnel Research, RAAF FR 105, undated (rec'd NRC-CMR 28 April 1945)
- 33. Report of tests on type J158 oxygen regulators.

 Report, Comm. Flying Personnel Research, RAAF FR 104, undated (rec'd NRC-CMR 28 April 1945)
- 34. Report of visit to European Theatre of Operations.

 H. E. Savely
 War Dept., Air Forces, TSEAL3-697-9, 30 Nov. 1944

- 35. Safety pressure attachment for the Canadian demand valve.

 F. E. J. Fry and E. A. Pollard

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 29 Sept. 1944,

 Appendix K
- 36. Service test of pressure breathing equipment for 315th Bomb Wing (VH).
 S. C. Allen
 War Dept., Air Forces, TSELA-3-695-1HH, 6 Aug. 1945
- 37. Subjective reactions and inspiratory resistances of Pioneer Diluter-Demand regulator with dilutor "on" in presence of failure of oxygen supply.

 A. J. Borofsky and O. V. Renaud

 Navy Dept., U. S. Marine Corps Research report #X 405(Av-219-6)(1),
 31 July 1944
- 38. Test of the General Electric acceleration activated air pressure regulator (P-321-14) and valve (P-321-13). Interim report, OEMcmr-199. Harold Lamport and L. P. Herrington CAM Report #484 1 May 1945
- 39. Theory for safety pressure. OFMcmr-26. G. A. Millikan and J. R. Pappenheimer CAM Report #419 - March 1945

K. Oxygen Requirements

- l. Calculation of equivalent altitudes.
 J. S. Gray
 War Dept., Air Forces, Randolph Field #291(1) 19 July 1944
- 2. Carbon monoxide poisoning in atmospheres deficient in oxygen and containing excessive carbon dioxide.
 Medical Research Council, Natl. Inst. for Med. Research 16 Oct. 1944
- 3. Effect of decompression on human resting metabolism. OEMcmr-196.
 S. F. Cook
 CAM Report #405 9 Jan. 1945
- 4. Handbook of respiratory data in aviation.

 D. W. Bronk et al

 Filed with: Reports, Comm. Oxygen and Anoxia 1944
- 5. Indoctrination of German fliers use of oxygen. (Translation of German handbook)

 War Dept., U. S. Strat. Air Forces in Europe, Med. Intell. Bull.

 #21 5 Jan. 1945
- 6. Method of determining oxygen consumption and carbon dioxide production of divers using self-contained breathing apparatus.

 H. B. Barlow and K. W. Donald

 Report. Subcomm. Underwater Physiology, RNPRC, MRC RNP 45/179,

 Nov. 1944
- 7. Oxygen requirements as affected by physical activity and by simulated altitudes.
 Hall, Wilson, Bonner and Finkel
 CAM Report #239 11 November 1943
- 8. Oxygen requirements while using the A-8B oxygen mask without the rebreather bag.
 H. G. Swann
 War Dept., Air Forces, TSEAL3-696-42I, 20 Feb. 1945
- 9. Oxygen uptake of divers.

 K. W. Donald and W. M. Davidson
 Report, Subcomm. Underwater Physiology, RNPRC, MRC RNP 45/180,
 Nov. 1944
- 10. Peak rates of oxygen flow from oxygen supply systems.

 J. H. Weatherby and A. S. Burt

 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project

 X-324(3) 1 March 1945
- 11. Peak rates of oxygen flow from oxygen supply systems: Frequency of simultaneous inspirations in a group of ten subjects.

 J. H. Weatherby and A. S. Burt

 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project

 X-324(5) 12 April 1945

- 12. Pulmonary ventilation of flyers at high altitudes.

 L. D. Carlson and V. J. Wulff
 War Dept., Air Forces, Eng. 49-660-48-G, 9 Oct. 1944
- 13. Scales of oxygen supply for the therapeutic use of oxygen in aircraft.

 J. K. W. Ferguson

 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 April 1944,

 Appendix I
- 14. Study of the factual knowledge possessed by aviation personnel concerning the use of oxygen and oxygen equipment.

 J. B. Carroll et al

 Navy Dept., Naval Air Station, Norfolk, Va. Project X-501

 (Av-267-f)(2), 7 Nov. 1945.

L. Oxygen Reservoir Systems

- 1. Adequacy of reservoir delivery oxygen systems.
 J. K. W. Ferguson
 Proc. Exec., Assoc. Comm. Aviation Med. Research = 22 April 1944,
 Appendix G
- 2. Clinical use of R.C.A.F. reservoir assembly 6D/147 for the administration of oxygen.
 H. E. Rykert
 Report #172, Comm. Oxygen Equipment. NRCC 15 Oct. 1942
- 3. Optimum sizes of reservoirs for the breathing of oxygen.

 J. K. W. Ferguson

 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 April 1944,
 Appendix H
- 4. Oxygen economizer for use in adapting demand masks to free flow systems.

 OEMcmr-26.

 J. R. Pappenheimer and J. C. Lilly

 CAM Report #359 August 1944
- 5. Pulmonary ventilation of flyers at high altitudes.
 L. D. Carlson and V. J. Wulff
 War Dept., Air Forces, Eng. 49-660-48-G, 9 Oct. 1944
- 6. Report on the activities of the Subcommittee on Oxygen Equipment, Associate
 Committee on Aviation Medical Research, National Research Council, Canada,
 for the fiscal year 1944-45
 Hall, Black and Smith
 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945,
 Appendix A

* XLIV. PARACHUTE

- 1. Abbreviated form of a statistical report on parachuting bases on 11,000 descents made at Ringway during November, December, and January, 1941/2.

 FPRC report #445(WAM-101-37)
- 2. Abstract from Information Report concerning the Investigations and developments of the Parachute Division of the Forschungsanstalt Graf Zeppelin, dated 14 July 1945.

 Theodor Knacke

 War Dept., Air Forces, TSEAA-660-99, 28 Feb. 1946, Appendix C
- 3. Aero-medical exploitation, Germany 1945.
 W. F. Sheeley
 War Dept., Air Forces, Misc. 1 Feb. 1945 to 15 Oct. 1945
- 4. Air evacuation and survival.
 War Dept., Air Forces, TSEAL-3-697-2JJJ, Appendix 32, 20 Sept. 1945.
- 5. Air Staff Post-hostilities Intelligence Requirements on German Air Force.

 0. B. Schreuder et al .

 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 Aug. 1945
- 6. Alaskan test of parachute equipment.
 H. B. Washburn, Jr.
 War Dept., Air Corps, Materiel Div. EXP-M-49-696-20
- 7. Aneroid activated parachute opening device.

 Hallenbeck, Martin and Maison

 War Dept., Air Forces, TSELA5B-696-66A, 25 Oct. 1944
- 8. Aviation medical problems in the European and Mediterranean theatres of operation.

 W. R. Lovelace, II

 War Dept., Air Forces, TSELA5B-697-8, 1 Nov. 1944
- 9. Bailing out above 30,000 feet.

 K. E. Penrod
 War Dept., Air Corps, Materiel Div. EXP-M-49-696-6A,
 November 27, 1942
- 10. Breathing pattern in a parachute harness.

 J. T. Bonner
 War Dept., Air Forces, ENG-49-696-7G, 19 Feb. 1944
- 11. Cold weather trials of clothing and equipage, 1944. Dry cold area. Equipment (a).

 Canadian Dept., Nat'l. Defence, Cold Weather Trials Report 1944 Stage 2, Volume 9, undated (rec'd NRC-GMR, 9 March 1945)

Parachute

- 12. Comparison of different types of parachute harness with particular reference to ease of release.
 C. L. Gemmill et al
 Navy Dept., Naval Air Training Center, Pensacola, Fla. Project #X-292 (Av-168-u), report #1 7 March 1944
- Comparison of shock force at opening of ripstop nylon and standard nylon parachutes.
 G. L. Maison and K. E. Penrod
 War Dept., Air Forces, TSEAL-3-696-66I, 20 July 1945
- 14. Comparison of shock force at opening of silk and nylon parachutes at various altitudes. Hall, Penrod and Maison War Dept., Air Forces, TSELA-3-696-66C, 5 May 1945
- 15. Comparison of shock force of opening of 24 and 28 foot nylon parachutes at various altitudes.

 Penrod, Maison and Hall

 War Dept., Air Forces, TSELA-3-696-66G, 22 May 1945
- 16. Descent times of 200-pound dummies with 28-foot silk, 28-foot nylon and 24-foot nylon parachutes.

 Maison, Penrod and Hall

 War Dept., Air Forces, TSELA-3-696-66H, 30 May 1945
- 17. Employment, development and production of equipment for war against Japan. Part 9-General: dropping of supplies by parachute, special rations, tentage, water transport (small craft) etc.

 Australian file undated
- 18. Evaluation of targets investigated and summary of information obtained pertaining to research in aviation medicine for the German Air Force.

 W. R. Lovelace and V. J. Dulff
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 4 Aug. 1945
- 19. Exertion required of personnel in opening A-3 chest type parachute.

 Martin, Maison and Peck

 War Dept., Air Forces, TSEAL3-696-69, 22 Dec. 1944
- 20. Exertion required of personnel in opening the S-1 seat pack parachute.

 E. E. Martin
 War Dept., Air Forces, TSEAL-3-696-69D, 18 Sept. 1945
- 21. Exertion required of personnel in opening type B-8 back pack parachute.
 E. E. Martin
 War Dept., Air Forces, TSELA-3-696-690, 2 May 1945
- 22. Experiments with human subjects on simulated free fall with particular regard to actual parachute descents from high altitudes and observations on the incidence of aeroembolism.

 A. L. Barach et al

 CAM Report #120 April 15, 1943 (Abstract)

- 23. Fifth crash injury conference.

 E. F. DuBois and W. R. Miles

 Special CAM Report 30 and 31 Oct. 1945
- 24. Fractures of spine. R.A.F. pilots, rel. to Sutton harness, parachute harness, etc.
 R. Watson Jones.
 Reports FPRC #274, 274A, Mar., Apr. '41
- 25. German automatic parachute opening device.
 W. A. Schuffler and G. L. Maison
 War Dept., Air Forces, TSEAA-696-97, 20 Nov. 1945
- 26. German occupation and disarmament: Aviation medical aspects in Schleswig-Holstein.

 W. K. Stewart and H. L. Roxburgh

 FPRC #627 May 1945
- 27. German parachute troops at Crete.
 C. G. G. Mackey
 Report FPRC #360 (WAM85-2), undated
- 28. German personal oxygen equipment, parachutes, Mae Wests, dinghies, clothing, cockpit lighting. Interrogation of Oberst Ing. Christensen, Chief of Technische, Luftrustung/Entwicklung 5 at Royal Aircraft Establishment, Farnborough, on 26th October and 1st November, 1945

 J. C. Gilson and E.A.G. Goldie
 FPRC Report #647 Nov. 1945
- 29. Improved parachute opening device. OEMcmr-196. C. A. Tobias and J. H. Lawrence CAM Report #411 1 Feb. 1945
- 30. Incidence of training injuries.

 British War Office Misc. Report #184 undated (rec'd NRC-CMR 3 Aug. 1944)
- 31. Injuries to aircrew from the chest-type parachute.
 P. A. Lee
 FPRC Report #658a May 1946
- 32. Injury record for planes involved in accidents, U. S. Army Air Forces, Continental U. S. for January 1944 through June_1945. B. A. Schneider War Dept., Air Forces, Misc. 1 Dec. 1945
- 33. Instructions for back-pack parachute Rufa 12B with bail-out oxygen system 10-6521 A-O HAS-16D. (Translation)
 War Dept., Misc. May 1944
- 34. Interrogation of combat veterans.
 N. E. Collias and W. H. Bachrach
 War Dept., Air Forces, TSELA-3-697-15, 17 May 1945

Parachute

- 35. Investigation into the causes of wastage in parachute troops.

 W. B. Trotter

 British War Office DBR paper #10 undated: Misc. Report #64
- 36. Kit, emergency, parachute type.

 G. E. Hall

 Proc. Exec., Assoc. Comm. Aviation Med. Research, 28 Apr., 1941 Appendix A
- 37. Limiting effect of centripetal acceleration on man's ability to move.

 (An appraisal of some of the difficulties which may be encountered when attempting escape from a spinning aircraft). OEMcmr-129.

 Code, Wood and Lambert

 CAM Report #436 May 1945
- 38. Lindquist-Ryan tensiometer.
 G. A. Hallenbeck
 War Dept., Air Forces, Eng-49-696-61, 8 April 1944
- 39. Magnitude and duration of parachute opening shocks at various altitudes and air speeds.

 Hallenbeck, MacCardle and Penrod

 War Dept., Air Forces, ENG-49-696-66, 8 July 1944
- 40. Medical problems of the merchant ship fighter unit (M.S.F.U.).
 R. H. Winfield
 FPRC report #468 May 25, 1942
- 41. Memorandum for flight surgeons. Summary report No. 4.
 War Dept., Air Forces, Misc. undated (rec'd NRC-CMR 21 Mar. 1946)
- 42. Method of measuring and comparing the interference with movement produced by various types of flying clothing, and the effect of parachute harness on resistance to movement.

 J. S. Hart
 Min. Assoc. Comm, Aviation Med. Research May 16, 1942, Appendix M.
- 43. Miscellaneous aviation medical matters.

 Leo Alexander

 War Dept., Combined Intelligence Objectives Report #88 undated

 (rec'd NRC-CMR 18 Mar. 1946)
- 44. Net-suit, combined with parachute and safety harness. Final report, OEMcmr-143.
 R. W. Wilkins
 Special CAM Report 8 May 1946
- 45. New results and problems in medical stratosphere research.

 H. Strughold (Luftwissen Vol. IX, No. 6, June 1942, pp. 177-181.

 Translated by L. J. Goodlet)

 FPRC report, miscellaneous
- 46. Note on certain medical aspects of parachute troop training in the Middle East.
 E. T. C. Spooner
 British War Office December 20, 1942; Misc. Report #30

- 47. Note on the useful life of silk parachutes used by paratroops.

 T. F. Johns and M. E. Hallum
 Filed with: FPRC, Royal Aircraft Establishment March 1944
- 48. Observations, experiences and recommendations, related to bailing out at high altitudes.

 W. M. Boothby et al

 War Dept., Air Forces, Misc. Mayo Aero Med. Unit, Series A
 Report #1, 3 Oct. 1942
- 49. Parachute and mobile troop ration. Data of each component individually and the complete ration collectively. Aug. 26, 1941
 Min. Comm. Med. Nutrition August 27, 1941 Appendix 2
- 50. Parachute descent and time-reserve at great heights. (<u>Luftfahrtmedizin</u>, vol. 6, #4, 1942)

 Grauer et al

 FPRC Miscellaneous File
- 51. Parachute descent from a pressure altitude of 39,750 feet (density altitude, 40,200 feet).

 W. Randolph Lovelace, II

 War Dept., Air Forces, ENG-49-695-1K, 9 July, 1943
- 52. Parachute injuries.
 W. P. Forcade
 War Dept., Amer. Med. Soc., ETO 28 July, 1943
- 53. Parachutes.
 War Dept., Air Forces, PIF undated (rec'd NRC-CMR 5 Feb. 1945)
- 54. Parachute technique of the Aerodynamic Department of the Graf Zeppelin Research Establishment, Stuttgart/Ruit.

 War Dept., U. S. Strat. Air Forces in Europe, Misc. undated (rec'd NRC-CMR 27 Feb. 1946)
- 55. Preliminary report of the interrogation of certain high staff officers of the Luftwaffe medical services.

 H. G. Armstrong et al

 War Dept., U. S. Strat. Air Forces in Europe, Misc. 2 16 July 1945
- 56. Prevention of injury in aircraft crashes.

 J. C. Gilson, W. K. Stewart, and Z. Pekarek

 FPRC report #556 Dec. 1943
- 57. Problem of escape by parachute in acute aerial emergencies in flying training.
 G. M. Hass
 War Dept., Air Forces Randolph Field #417(1) 5 Sept. 1945
- 58. Progress of aviation medicine in the Royal Air Force and its application to the problems of civil aviation.

 H. E. Whittingham

 FPRC Report #667 13 July 1946

Parachute

- 59. Psychological observations on selection and training of parachute troops.
 A. Kennedy
 British War Office undated; Misc. Report #46
- 60. Pulsating parachute seat cushion, report #2.

 D. I. Patt
 War Dept., Air Forces, TSEAL-3-695-58B, 30 Oct. 1945
- 61. Quick connector seat type parachute.

 W. E. Cowie

 Proc. Assoc. Comm. Aviation Med. Research 25 Feb. 1944, Appendix J
- 62. Rates of free-fall and of open parachute descent from high altitudes.

 A. C. Burton
 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 14 July
 1944, Appendix G
- 63. Rations for the parachute kit.

 D. B. Dill

 War Dept., Air Force, Materiel Div. EXP-M-49-696-19D
- 64. Recent advances in research on parachutes by the Aero-Medical Section of the German Air Force.

 R. C. H. Tripp

 FPRC Report #635 July 1945
- 65. Report of ditching incident by U.S.A.A.F. ferry command pilot. (South Atlantic area).

 Navy Dept., Emergency Rescue Equipment Section undated (rec'd NRC-CMR 22 Oct. 1943)
- 66. Report on problem of air sickness in parachute troops.

 Medical aspects of selection and training of parachute troops.

 R. H. Winfield

 Reports FPRC #277, 277A, Mch. 27, '41
- 67. Report on the activities of the Aerodynamic Department of the Graf Zeppelin Research Establishment. H. Heinrich War Dept., Air Forces, Misc. - 26 Feb. 1946
- 68. Report on the third "Crash Injury Conference." Subject; The safer cockpit.

 Special CAM report 15 and 16 May 1944
- 69. Report on the U. S. Army Alaskan test expedition, 1942.

 S/I P. W. Webb

 Filed with: Comm. Protective Clothing, NRCC August 14, 1942
- 70. Report on visit to Middle East Forces,
 H. L. Marriott. Airborne and parachute troops.
 Report, M.P.R.C. BPC 54 (WA-33-19 a), July 14, 1941

- 71. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.

 H. E. Whittingham

 FPRC Report #651 5 Mar. 1946
- 72. Research on air sickness in parachute, glider, and other personnel. Effect of posture, clothing, food, anoxia, psychological factors. Comm. Air Sickness, F.P.R.C. orig. #410 (WAM-982-7), Jan. 8, 1942
- 73. Results of dual attempts at consecutive escape by parachute from uncontrolled two-seated training aircraft.

 G. M. Hass
 War Dept., Air Forces, Randolph Field #328(1) 12 Feb. 1945
- 74. Spring activated automatic parachute opening device.

 Bancera, Tobias and Lawrence

 CAM Report #374 15 Nov, 1944
- 75. Standards of fitness for S.A.S. troops. (Parachute troops.)
 Report, MPRC BPC 79(W-228-1rr)
- 76. Statement from Army Council regarding recommendations and work of M.P.R.C.: body armor, helmets, tank ventilation, respirators, night vision, flame throwers, danger from X-rays, clothing, parachute and air-borne troops.

 Report, M.P.R.C. BPC 174 (W-151-2á), Dec. 1941
- 77. Study of factors which operate against the successful escape of occupants from aircraft.

 George Hass
 War Dept., Air Forces, Randolph Field #249 (1) 5 May 1944
- 78. Summary of activities at Forschungsanstalt Graf Zeppelin. German File undated (rec'd NRC-CMR 27 Feb. 1946)
- 79. Summary of German aviation medical research.
 W. R. Lovelace and V. J. Wulff
 War Dept., Air Forces, TSEAA-660-99, 28 Feb. 1946

XLV. PARATROOPS

- l. Air evacuation and survival.

 War Dept., Air Forces, TSEAL-3-697-2JJJ, Appendix 32, 20 Sept. 1945
- 2. Arnhem: I. The landing and the bridge.

 British War Office, Army Bur. Current Affairs, "War" #83. 9 Dec. 1944
- 3. Casualties to airborne sorties (paratroop and glider) expected from the fire of supporting guns.
 E. Harrison and R. J. Whitney
 Army Operational Research Group, AORG #247, 15 Feb. 1945
- 4. Evaluation of the personal inventory for predicting success in parachute school.
 G. A. Satter
 NDRC Report, OSRD #4870 28 March 1945
- 5. German paratroop standards lowered. (Selection, training, equipment, parachutes, gliders, field rations, first aid training.)
 War Dept., Tactical and Tech. Trends #49 1 August 1944, pp. 22-24
- 6. Incidence of training injuries.

 British War Office Misc. Report #184 undated (rec'd. NRC-CMR 3 Aug. 1944)
- 7. Japanese parachute troop equipment.

 War Dept., Tactical & Tech. Trends #14 December 17, 1942, pp. 47-48

 with correction
- 8. Medical examination of candidates for parachute regiment A.A.C. British War Office Misc. Report #223 13 Nov. 1944
- 9. Motion sickness and physiological problems peculiar to parachutists and other airborne troops. Final report, OHMcmr-282.
 D. B. Tyler
 Filed with: Reports, Comm. Motion Sickness 31 May 1946
- 10. Note on certain medical aspects of parachute troop training in the Middle East.

 E. T. C. Spooner

 British War Office December 20, 1942; Misc. Report #30
- 11. Paradoctors.

 Navy Dept., Coast Gurard, Air Sea Rescue Bull., Vol. III, #4 Apr.

 1946, pp. 28-29
- 12. Paratroops organized for rescue in arctic.
 Navy Dept., Coast Guard, Air Sea Rescue Bull. #2 July 1944, p. 26
- 13. Rations and chemical warfare equipment used by German parachutists in Crete. War Dept., Tactical & Tech. Trends #13 Dec. 3, 1942, p. 49
- 14. RCAF rescue parachute jumpers.

 Navy Dept., Coast Guard, Air Sea Rescue Bull. Vol. II, #2, Oct.

 1945, pp. 16-19

Paratroops

- 15. Smoke jumpers.

 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. III, #4 Apr. 1946, pp. 13-17
- 16. Your body in flight.
 War Dept., Air Forces, Misc. 30 Sept. 1944

XLVI. PERFORMANCE TESTS

- 1. Acute carbon monoxide poisoning and effect of mild oxygen deficiency and low CO concentration on dogs. Effect of low CO concentration on thuman performance. Final report, OEMcmr-14.
 S. Bellet et al
 Report #1 (abstracted), Comm. Indust. Med. 1 Aug. 1943
- 2. Analysis of photographic records of aircraft pilot performance. M.S. Viteles and A.S. Thompson Filed with: Div. Anthropology and Psychology, NRC - July 1944
- 3. Assessment of instrument flying performance: further methods for automatic recording of an aircraft's flight path.
 R. B. Loucks
 War Dept., Air Forces, Randolph Field #383 (2) 11 Dec. 1945
- 4. Comparative trial of two attitude indicators.
 R. C. Browne
 FPRC #611(a) April 1945
- 5. Comparison of preference for training with an evaluation of combat performance of pilots.

 Richard Trumbull and Oscar Backstorm

 Navy Dept., Naval Air Station, Pensacola, Fla., Project X-718(1) 1
 July 1946
- 6. Comparison of range tracking method: tracking to a fixed hairline versus tracking to a rotating hairline.

 D. B. Lindsley et al

 NDRC Report, OSRD #3858 4 July 1944
- 7. Compendium of aviation medicine.
 Siegfried Ruff and Hubertus Strughold
 Special C.M Report 1942
- 8. Conference on "Working Efficiency and High Temperatures", 23 October 1945.

 Filed with: Reports, Comm. Clothing undated (rec'd NRC-CMR 15

 Jan. 1946
- 9. Contrast discrimination charts for demonstrating the effect of anexia on vision. Final report, OEMcmr-191.

 Selig Hecht et al

 CAN Report #358 22 Aug. 1944
- 10. Design of a study of the relationships between visual measures and flight performance.

 M. S. Viteles

 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 43-56
- 11. Development of a 'Falling Hammer' for producing psychological stress.

 Jack Buel
 War Dept., Air Forces, Randolph Field #285(1) 31 July 1944

- 13. Development of the testing techniques and procedures utilized at the Climatic Research Laboratory.

 Morris, Goddard and Silver

 War Dept., OOMG, Climatic Research Lab. 10 May 1946
- 14. Direction of movement of machine controls.

 M. A. Vince
 FPRC Report #637 August 1944
- 15. Effective target diameter as a factor in determining difficulty of the S.A.M. Two-Hand Coordination Test.

 W. F. Grether

 War Dept., Air Forces, Randolph Field #304(1) 25 July 1944
- 16. Effect of age upon the physical fitness rating.
 P. V. Karpovich
 War Dept., Air Forces, Randolph Field #191(2) 11 July 1944
- 17. Effect of diet on altitude tolerance. Interim report, OEMcmr-47.
 A. L. Barach et al
 CAM Report #402 17 Jan. 1945
- 18. Effect of excessive intakes of certain of the water-soluble vitamins on man's resistance to cold. Aug. '31, 1943-May 31, 1944. Final report, OEMcmr-234.

 H. H. Mitchell et al (R. W. Keeton and H. H. Mitchell)

 Report #23 (abstracted), Comm. Med. Nutrition 1 Dec. 1944
- 19. Effect of seven hour exposure to a pressure altitude of 100,000 feet on psychomotor performance.
 F. S. Grodins
 War Dept., Air Forces, Randolph Field #402 (1) 11 June 1945
- 20. Effect of shape and color coding of airplane controls on speed and accuracy of performance.

 Joseph Weitz

 War Dept., Air Forces, Randolph Field #336(1), 23 Dec. 1944
- 21. Effect of shape of handles and position of controls on speed and accuracy of performance when visual cures are restricted.

 Joseph Weitz

 War Dept., Air Forces, Randolph Field #351 (1) 29 March 1945
- 22. Effect of successive fasts on the ability of men to withstand fasting during hard work. Interim report, OEMcmr-27.

 H. L. Taylor et al (Ancel Keys)

 Filed with: Reports, Comm. Med. Nutrition 29 Aug. 1944
- 23. Effect of sulfonamide drugs on anoxia tolerance: effects of prophylactic doses of sulfanilamide, sulfathiazole, sulfadiazine and sulfapyrazine. P. K. Smith
 War Dept., Air Forces, Randolph Field #76 (1) 23 Feb. 1943

- 24. Effect of the shape of handles and position of controls on speed and accuracy of performance.

 Joseph Weitz

 CAM Report #325 12 June 1944
- 25. Effect on human subjects of the degree of ascorbic acid deficiency : . . . induced and of the disturbance of the metabolism of the vitamin by mild anoxia and its correlation with acid-base disturbances and 17 -ketosteroid excretion. Abstract of final report, OFMcmr-236.

 A. C. Ivy et al

 CAM Report #457 30 June 1945
- 26. Effects of a small dose of hyoscine upon performance. Annual report, OEMcmr-279.

 Alexander, Cotzin and Wendt
 Filed with: Reports, Comm. Motion Sickness undated (rec'd. NRC-CMR 21 Sept. 1944)
- 27. Effects of food intake upon resistance to functional impairment during exposure to altitude. Final report, OEMcmr-224.

 C. G. King
 CAM Report #495 Jan. 1946 (Summary)
- 28. Effects of heat and high humidity on prolonged visual search as measured by the clock test.

 N. H. Mackworth

 FPRC Report #586 (c) Feb. 1946
- 29. Effects of heat and high humidity on pursuitmeter scores.

 N. H. Mackworth
 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/199, May 1945
- 30. Effects of high altitudes (decreased barometric pressure) on simple mental work.

 R. W. Russell
 War Dept., Air Forces, Randolph Field #20 (1) 31 March 1942
- 31. Electric "reaction meter" suitable for prolonged performance tests.

 B. Katz

 Report, Comm. Flying Personnel Research, RAAF FR 62, undated

 (rec'd 1 Aug. 1944)
- 32. Evaluation of various psychological performance tests for altitude chamber research.
 R. B. Loucks
 War Dept., Air Forces, Randolph Field #202 (1) 17 Aug. 1944
- 33. Experimental studies on man with a restricted intake of the B vitamins.

 Part I. The bordcrline of deficiency. Revised ed.

 Ancel Keys et al

 Report #35, Comm. Med. Nutrition 20 Feb. 1945
- 34. Experimental studies on man with a restricted intake of the B vitamins.

 Part II. The results of acute deprivation of vitamins of the B complex.

 Interim report, OEMcmr-27.

 Ancel Keys et al

 Filed with: Reports, Comm. Med. Nutrition 8 Jan. 1945.

- 35. Experiments concerning the indirect effects of explosives on the efficiency of soldiers.

 British War Office Misc. Report #195 undated (rec'd. NRC-CMR 30 Aug. 1944)
- 36. Factors in deterioration and rehabilitation. Final report, OEMcmr-413.

 Ancel Keys et al

 Filed with: Reports, Comm. Conval. and Rehab. 15 Feb. 1946
- 37. First report on the Harrogate investigation (psychological tests). FPRC Report #529(P) Nov. 1944
- 38. Fitness for aircrew. A psychological and physiological survey of aircrew enlistments in the Royal New Zealand Air Force.

 New Zealand File Nov. 1944
- 39. Flexible gunnery proficiency on the gun camera mission as effected by practice on the Sperry Spotlight Trainer (E-8, modified) and the Pancramic Gunnery Trainer, Mark II.

 A. W. Melton
 War Dept., Air Forces, Randolph Field #321(1) 19 Oct. 1944
- 40. "Fluctuations in navigator performance during operational sorties.

 D. D. Reid

 FPRC Report #615 April 1945
- 41. Follow-up report on the Harrogate experiment.
 E. G. Chambers
 FPRC Report #529(s) May 1946
- 42. Franks' flying suit mark III: report on operational trials in the second tactical air force.

 Cellars, Rose and Kerr

 Report, Comm. Flying Personnel Research FPRC 584 (a), undated (rec'd NRC-CMR 14 Dec. 1944)
- 43. Friction in manual controls with special reference to its effect on accuracy of corrective movements in conditions simulating jolting.

 W. E. Hick

 FPRC #623 June 1945
- 44. Hard work on restricted B vitamins. OEMcmr-27.

 Ancel Keys et al

 Report #7 (abstracted), Comm. Med. Nutrition 3 Nov. 1943
- 45. Harrower Erickson stress tolerance test.

 F.C.R.Chalke
 Misc. Canadian Report #153 undated (rec'd NRC-CMR 8 Nov. 1945)
- 46. Impairment in psychomotor performance with the Type A-13 pressure demand oxygen system at 45,600 feet simulated altitude.

 R. B. Loucks
 War Dept., Air Forces, Randolph Field #308(1) 9 Aug. 1944

- 47. Investigation of effects of a course of mepacrine on vision.
 W. H. R. Jeremy and R. Holt
 FPRC Report #578a Oct. 1944
- 48. Maximum comfortable range of movement at the wrist, working against resistance.

 W. E. L. Clark

 Report, Comm. Armoured Vehicles, MPRC EPC 43/295, Dec. 1943
- 49. Methods for detection of early signs of vitamin C deficiency. Final report, OEMcmr-71.

 C. J. Farmer et al

 Report #16 (abstracted), Comm. Med. Nutrition 25 March 1944.
- 50. Minutes of the Joint Conference (U.S.N.:R.N.: R.C.N.) on Selection of Underwater Sound Operators, 13 April 1944.

 C. W. Shilling and E. A. Sellers

 Proc. Assoc. Comm. Naval Med. Research 15 May 1944, Appendix I
- 51. Motor performance of normal young men maintained on restricted intakes of vitamin B complex. OEMcmr-27.

 Josef Brozek et al

 Report #40, Comm. Med. Nutrition 20 July 1945
- 52. Notes on the clock test a new approach to the study of prolonged visual perception to find the optimum length of watch for radar operators.

 N. H. Mackworth
 Report, Comm. Flying Personnel Research FPRC 586, May 1944
- 53. Performance as related to composition of alveolar air. Interim report, OEMcmr-147.

 A. B. Otis et al Special CAM Report 28 Nov. 1945
- 54. Performance comparison of oxygen and oxygen-CO mixtures at 43,300 feet.

 Humm, Liberman, and Nims
 CAM Report #335 18 July 1944
- 55. Physiological work rates of the driver and loader in the tank T26E3 in relation to fatigue and efficiency of performance. Second partial report.

 C. L. Scott

 Armored Med. Research Lab. 19 June 1945
- 56. Pilot experiment in shift work.

 R. C. Browne

 FPRC #514(d) May 1945
- 57. Plan for investigation of the effects of hot environments upon the working efficiency and health of naval personnel.

 Report, Subcomm. Habitability, RNPRC, MRC RNP 44/120 undated (rec'd NRC-CMR 22 Dec. 1944)

- 58. Possible effects of small daily doses of sulfadiazine on flying personnel.
 P. A. Campbell
 War Dept., Air Forces, Randolph Field #293 (1) 29 July 1944
- 59. Prediction of code learning ability.

 A. K. Kurtz

 NDRC Report, OSRD #4059 26 Aug. 1944
- 60. Proficiency of graduate basic gunners during ten successive gun camera missions.

 M. H. Smith, Jr., and Mason Haire
 War Dept., Air Forces, Randolph Field #344(1) 10 Jan. 1945
- 61. Proficiency of untrained gunners during ten successive gun camera missions.

 M. H. Smith and Mason Haire

 War Dept., Air Forces, Randolph Field #343 (1) 23 Feb. 1945
- 62. Psychological performance test for anoxia research.

 N. G. Traylen
 Report, No. 1 Flying Personnel Research Unit, FPRC, RAAF FR 123, undated
 (rec'd NRC-CMR 17 Dec. 1945)
- 63. Psychological tests for evaluating late neurotic diffuse organic and normal reactions following head injury. OEMcmr-148.

 Lynn, Levine and Hewson

 Report #8 (abstracted) Comm. Neurosurgery 17 Dec. 1943
- 64. Psychomotor performance and arterial oxygen saturation during positive pressure breathing in an altitude chamber. Officmr-28.

 Larrabee, Hodes, and Pappenheimer

 CAM Report #342 15 Aug. 1944
- 65. Report of an investigation into the effects of asymmetry of aircraft controls. FPRC #621 May 1945
- 66. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.

 H. E. Whittingham

 FPRC Report #651 5 Mar. 1946
- 67. Revised serial reaction time apparatus for use in appraised flying aptitude.

 R. A. McFarland and R. C. Channell
 Filed with: Div. Anthropology and Psychology, NRC Sept. 1944
- 68. Revised two-hand coordination test.

 R. A. McFarland and R. C. Channell

 Div. Anthropology and Psychology, NRC Oct. 1944
- 69. S.A.M. self-pacing discrimination reaction time test (CP611E).

 J. S. Brown
 War Dept., Air Forces, Randolph Field #275 (1) 12 July 1944

- 70. Secret report No. 2 Effect of respirator (anti-gas) upon gun sighting performance. Fatigue Laboratory, National Health and Medical Research Council.

 D. H. K. Lee, C, White and G. Klemm
 Report, Comm. Flying Personnel Research, RAAF FR 103, 29 Dec. 1944
- 71. Secret report No. 3. Psycho-motor efficiency (as measured by time for accurate gun-laying) under hot conditions.

 Lee, Klemm and White

 Report, Comm. Flying Personnel Research, RAAF FR 109, 18 Jan. 1945
- 72. Simple procedure for warming the hands to maintain manual dexterity during exposure to extreme cold.

 H. R. Miller et al

 War Dept., Signal Corps, Climatic Research Unit, Eng. Memo #18 CR
 6 July 1944
- 73. Skid-slip recorder for assessing the proficiency of student pilots during routine check rides.

 R. B. Loucks
 War Dept., Air Forces, Randolph Field #347(1) 23 Dec. 1944
- 74. SMA3 test and ability to learn to fly.

 A. B. Hill and G. O. Williams

 Report, Comm. Flying Personnel Research FPRC 574, March 1944
- 75. Standardization of a test of hand strength.

 M. B. Fisher and J. E. Birren

 Naval Med. Research Inst. Project X-293(5), 16 April 1945
- 76. Standardization of two tests of hand-eye coordination: A two-hand complex tapping test and a rotary pursuit test.

 J. E. Birren and M. B. Fisher

 Naval Med. Research Inst. Project X-293(6), 24 Sept. 1945
- 77. Standardization of two tests of postural equilibrium: the railwalking test and the ataxiagraph.

 M. B. Fisher and J. E. Birren

 Naval Med. Research Inst. Project X-293(1), 27 Oct. 1944
- 78. Statistical evaluation of the United States Navy Officer Qualification
 Test-Forms 2 and 3.

 D. A. Peterson

 NDRC Report, OSRD #3978 4 Aug. 1944
- 79. Studies of motion sickness: XIII. The effects of sickness upon rifle target shooting. Final report, OEMcmr-524.

 S. J. Alexander et al
 Filed with: Reports, Comm. Motion Sickness undated
 (rec'd NRC-CMR 17 Apr. 1946
- 80. Studies on SN-7618 at Randolph Field. (Interim report December).
 Report #301, Malaria Board 20 Dec. 1944.

- 81. Study of aptitude in learning the Japanese language.

 S. B. Williams et al

 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C., M & S

 Research Project X-581, 19 Mar. 1946
- 82. Tank gunnery at moving targets: a comparison of the accuracy of aim when firing and when not firing.

 G. Waugh

 Army Operational Research Group, AORG #193, 14 June 1944
- 83. Teleprinter switchboard investigation.

 R. C. Brown
 Report, Comm. Flying Personnel Research FPRC 514 (b), Feb. 1944
- 84. Teleprinter switchboard investigation: an experiment with a new break system.

 R. C. Browne
 Report, Comm. Flying Personnel Research FPRC 514(c), July 1944
- 85. Toxicity of suppressive doses of the anti-malarial drug, SN-7618. P. K. Smith et al
 War Dept., Air Forces, Randolph Field #331(1-8) 12 Jan. 1945
 Report #301, Malaria Board 12 Jan. 1945
- 86. Upper limits of environmental heat and humidity tolerated by acclimatized, normal young men working in hot environments. Second partial report.

 L. W. Eichna et al

 Armored Med. Research Lab. 2 Oct. 1944
- 87. Use of Rorschach technique and the Wechsler-Bellevue scale in defining chronic mental changes resulting from diffuse cerebral damage.

 OEMcmr-148.

 L. R. Hewson and K. N. Levine
 Report #35 (abstracted), Comm. Neurosurgery 22 May 1944
- 88. Utilization of riboflavin and thiamine at various levels of intake and its relation to the work output of subjects of military age at ground level and at 15,000 feet altitude. Interim report, OEMcmr-373.

 T. E. Friedemann and A. C. Ivy
 Report #25(abstracted), Comm. Med. Nutrition 31 Oct. 1944
- 89. Validation of physical fitness tests by evaluation of performance of subjects.

 H. M. Patt
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C., M & \$
 Research Project X-526, 6 Sept. 1945
- 90. Work at high altitude. Factors in the utilization of riboflavin and thiamin and the relation of the vitamin intake to work output at ground level and at high altitude (15,000 feet). Final report, OEMcmr-373.

 T. E. Friedemann and A. C. Ivy
 Filed with: Reports, Comm. Med. Nutrition 30 May 1946

XLVII. PERSONNEL SELECTION

- Aero-medical exploitation, Germany 1945.
 W. F. Sheeley
 War Dept., Air Forces, Misc. 1 Feb. 1945 to 15 Oct. 1945
- 2. Age-height-weight standards suitable for uses in medical examinations
 of aircrew candidates.
 G. M. Morant
 FPRC Report #653 Feb. 1946
- 3. Air crew Allocation Centre, Brackla, A selection unit for tour expired air crew. Report describing function, procedure used and records kept.

 R. B. Buzzard

 FPRC Report #604 Dec. 1944
- 4. Airsickness in navigation training.
 F. E. McDonough
 War Dept., Air Forces, Randolph Field #165 (1) July 5, 1943
- 5. Airsickness in the airborne infantry. F. E. McDonough CAM report #103, November 27, 1942
- 6. Air Staff Post-hostilities Intelligence Requirements on German Air Force.
 0. B. Schreuder et al War Dept., U.S. Strat. Air Forces in Europe, Misc. 16 Aug. 1945
- 7. Analysis of current flight instructor selection techniques through a comparison of criterion groups of "good" and "poor" instructors. Richard Trumbull and W. E. Vinacke
 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-673(Av-355-a) (3) 30 Nov. 1945
- 8. Analysis of 500 cases of impairment of consciousness in pilots and aircrew.
 A. F. Rook
 FPRC Report #654 Jan. 1946
- 9. Analysis of methods for measuring flight instructor proficiency through student ratings.

 Richard Trumbull and W. E. Vinacke

 Navy Dept., Naval Air Training Center, Pensacola, Fla.,

 Project X-673(Av-355-a) (1) 10 Nov. 1945
- 10. Analysis of 100 Army psychiatric cases and 100 enlisted men.

 OEMcmr-65.

 Edward G. Billings et al

 Report #2 (abstracted), Comm. Psychiatry 31 March 1943

- 11. Analysis of one thousand standard aircrew.
 R. K. Holcomb
 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix D, Report #2
- 12. Analysis of selection factors based on E.F.T.S. Results on 1433 airmen (#2 I.T.S., courses 22-31 inclusive).
 F. A. L. Mathewson and G. L. Adamson
 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix D, Report #5
- 13. Analysis of the Personal History Inventory.

 Kogan, Wantman and Dunlap

 Div. Anthropology and Psychology, NRC Feb. 1945
- 14. Apparatus for investigating visual reactions in relation to airsickness.
 P. C. Livingston
 F.P.R.C. report #463
- 15. Application of the NDRC personal inventory and other measures in the selection of officer candidates. Progress Report No. 4:
 A follow-up study of the personal preferences technique.
 Williams, Leavitt and Mendola
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N.C.,
 M&S Research Project X-386 (Sub. No. 75) 10 Jan. 1946
- 16. Application of the NDRC personal inventory and other measures in the selection of officer candidates. Progress Report No. 5:
 The use of school grades as a criterion of test validity.
 Leavitt, Williams and Blair
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N.C.,
 M&S Research Project X-386 (Sub. No. 75) 15 Jan. 1946
- 17. Application of the NDRC Personal Inventory to Marine Corps officer candidates: preliminary validation.

 S. B. Williams and H. J. Leavitt

 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,

 M & S Research Project X-386 (Sub. No. 75) 26 Dec. 1944
- 18. Application of the NDRC personal inventory to Marine Corps Officer candidates. Progress report No. 2: Further validation.
 Williams, Leavitt and Mendola
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,
 M & S Research Project X-386 (Sub. No. 75) 27 Nov. 1945
- 19. Application of the NDRC personal inventory to Marine Corps officer candidates. Progress Report #3: Data on final 671 candidates. Leavitt, Williams and Lipkin
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,
 M&S Research Project X-386 20 Dec. 1945

- 20. Application of the NDRC personal inventory to Marine Corps officer candidates. Progress report No. 6: Final report and summary. Williams, Leavitt and Adler
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,
 M&S Research Project X-386, 19 Jan. 1946
- 21. Aptitude tests board, South African Air Force. Report on activities, July November, 1941.

 Report F.P.R.C. #416 (WAM-982-15)
- 22. Association motor studies in military psychiatry. Final report. Ebaugh, O'Kelly, and Bush. Filed with: Reports, Comm. Psychiatry July, 1942
- 23. A.T.S. follow-up. (Personnel selection.)

 Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC) (43)12, 22 Feb. 1943
- 24. Average blackout threshold in aircrew trainees as determined by means of the centrifuge.

 Rose, Kerr, and Kennedy

 Proc. Assoc. Comm. Aviation Med. Research February 27, 1943,

 Appendix L
- 25. Aviation medical problems in African, Indian and Chinese theatres of operation. Appendices 26A--26F, inclusive: Sample copies of memoranda sent to hir Force surgeans in the Tenth Aif. Force from Headquarters.

 R. Lovelace, II
 War Dept., Air Forces, ENG-M-49-697-1B, May 1, 1943
- 26. Basic classification applied to aviation cadets: I. The method.
 W. H. Sheldon
 War Dept., Air Forces, Randolph Field Report #127 (1) March 1, 1943
- 27. Behaviour of neurotic subjects in the Cambridge cockpit.

 D. R. Davis

 FPRC report #530 May, 1943
- 28. Characteristics and uses of item-analysis data.
 H. S. Conrad
 NDRC Report, OSRD #4034 19 Aug. 1944
- 29. Clinical observations on selection tests carried out in the decompression chamber.
 D. C. Russell
 FPRC report #519 February, 1943
- 30. Comparison of personal inventory scores with service records one year after testing.

 Shipley, Gray and Newbert

 NDRC Report, OSRD #3755 10 June 1944

- 31. Comparison of swings and roll-pitch rocker in the production of motion sickness. Preliminary report.

 W. S. Fields and B. A. Campbell

 Proc. Comm. Seasickness, NRCC Jan. 29, 1943
- 32. Comparison of two procedures designed to select airmen resistant to decompression sickness.

 Stewart, Bateman and Milne
 Proc. Exec. Assoc. Comm. Aviation Med. Research 22 March 1944,
 Appendix C
- 33. Construction and validation of an arithmetical computation test.
 G. A. Satter and Norman Frederiksen
 NDRC Report, OSRD #4556 8 Jan. 1945
- 34. Cornell selectee index: short form to be used at induction, at reception and during hospitalization. Questionnaire, etc. OEMcmr-211.

 Weider, Mittelman, Wechsler, and Wolff
 Filed with: Reports, Comm. Neuropsychiatry undated (rec'd NRC-CMR 1 Mar. 1944)
- 35. Correlation between swing sickness and air sickness.

 McIntyre and Gardiner
 Report, Comm. Flying Personnel Research, RAAF FR 67, undated
 (rec'd NRC-CMR 1 Aug. 1944)
- 36. Correlation between swing sickness and air sickness and history of motion sickness.
 J. Park
 FPRC Report #485 August 24, 1942
- 37. Correlation of balancing tests with flying aptitude (success and failure at E.F.T.S.).
 G. L. Adamson et al
 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix D, Report #7
- 38. Correlation of swing sickness with air-sickness.
 A. M. Joekes
 FPRC Report #475
- 39. Cortical activity in airsick personnel.

 M. W. Thorner

 War Dept., Randolph Field #169 (1) July 24, 1943
- 40. Development and validation of the MFRL Confidential Questionnaire. Williams, Leavitt and Blair
 Navy Dept., Med. Field Research Lab., Camp LeJeune, N. C., M&S
 Research Project X-615 21 Dec. 1945
- 41. Development of a 'Falling Hammer' for producing psychological stress.

 Jack Buel

 War Dept., Air Forces, Randolph Field #285(1) 31 July 1944

- 42. Development of a group test of susceptibility to hyperventilation and its application to the neuropsychiatric screening of officer candidates.

 S. B. Williams and H. J. Leavitt

 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,

 M&S Research Project X-384 (Sub. No. 73), 15 Feb. 1945
- 43. Development of a simplified table model of the S.A.M. multidimensional pursuit test.
 R. B. Loucks
 War Dept., Air Forces, Randolph Field #214 (1) 11 Dec., 1943
- 44. Development of criterion groups of "good" and "poor" flight instructors based on student ratings.

 Richard Trumbull and W. E. Vinacke
 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-673(Av-355-a) (2) 20 Nov. 1945
- 45. Development of methods for assaying the neurotic potentialities of the individual casualty for the purpose of ascertaining the management of convalescence and rehabilitation and estimating prognosis. Final report, OEMcmr-211.

 H. G. Wolf
 Filed with: Reports, Comm. Neuropsychiatry 15 Mar. 1946
- Development of objective methods of evaluating personalitites of officer candidates on the basis of personal preferences, social judgments, and self-ratings.
 S. B. Williams and H. J. Leavitt
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,
 M & S Research Project X-383(Sub. No. 72) 30 Dec. 1944
- 47. Development of the S.A.M. Steadiness Aiming Test, Form B, for use in the selection and classification of aircrew personnel.
 W. F. Grether
 War Dept., Air Forces, Randolph Field #88(1) 9 Oct. 1944
- 48. Directions for the selection of flying personnel. (Translation)
 War Dept., U. S. Strat. Air Forces in Europe, Misc. undated
 (rec'd NRC-CMR 27 Feb. 1946)
- 49. Divers' bends, aeroembolism of aviators report of tests to determine susceptibility of healthy young men. Suggested method of selection of aviators for high altitude operations and deep sea divers for work at great depths.

 Navy Dept., Misc. 25 September, 1943
- 50. Down-grading for foot defects.

 British War Office, Army Med. Dept. Bull. No. 26 August, 1943, pp. 7-8
- 51. Draft report on the possible scope of psychological work in the services.

 Report, Informal Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)25, 29 June 1943

- 52. Draft report on validation. (Personnel selection.)
 Report, Informal Psychological Subcomm., Comm. Psychologists and
 Psychiatrists PP(SC)(43)17, 15 March 1943
- 53. Draft survey of the work of psychologists for the Services.

 Expert Comm. on the Work of Psychologists and Psychiatrists in the Services.

 British War Office, Misc. Report #110 16 Dec., 1943
- 54. Effective decompression sickness classification test, and a method for evaluating its usefulness. OEMcmr-196.

 Henry, Cook and Lund
 CAM Report #421 24 Feb. 1945
- 55. Effective target diameter as a factor in determining difficulty of the S.A.M. Two-Hand Coordination Test.

 W. F. Grether

 War Dept., Air Forces, Randolph Field #304(1) 25 July 1944
- 56. Effect of distraction lights upon performance on the Mashburn serial coordination test.

 Nance, Buxton, and Spence
 Filed with: Div. Anthropology and Psychology, NRC April 1944
- 57. Effect of massing and distribution of practice on two-hand coordination test scores.

 Spence, Buxton and Melton
 Div. Anthropology and Psychology, NRC April 1945
- 58. Efficiency of the progressive Matrices test.

 Patrick Slater and Fraser Roberts

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)27, 25 July 1943
- 59. Efficiency tester gun-laying type No. 1 and structural details.
 D. H. K. Lee and G. H. Klemm
 Report, Comm. Armoured Vehicles, NHMRC, Australia AFV 30 and 30A,
 12 July 1943
- 60. Establishment of criteria and methods for the selection of crews for night operations.

 L. B. Roberts and W. E. Mann
 Armored Med. Research Lab. 31 May 1944
- 61. Evaluation of the personal inventory for predicting success in parachute school.

 G. A. Satter

 NDRC Report, OSRD #4870 28 March 1945
- 62. Exclusion levels in terms of psychological tests.

 J. A. F. Roberts

 Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)20, 27 April 1943

- 63. "Exclusion" levels. (Personnel selection tests.)
 A. Rodger
 Report, Service Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)38, 24 Aug. 1943
- 64. Experiments on mental fatigue on the Silloth trainer.
 D. R. Davis
 FPRC Report #486 August, 1942
- 65. Factors in aircrew selection. Special study of No. 5. The validity of a 10-point assessment by the navigation instructor for predicting navigator training success.
 C. Shagass and P. A. Christie
 Proc. Assoc. Comm. <u>Aviation Med. Research</u>, NRCC 4 April 1945, Appendix S
- 66. Fifth crash injury conference.

 E. F. DuBois and W. R. Miles

 Special CAM Report 30 and 31 Oct. 1945
- 67. Final report in summary of research on the personal inventory and other tests.

 W. C. Shipley and C. H. Graham

 NDRC Report, OSRD #3963 1 Aug. 1944
- 68. Final report in summary of research on the selection and training of rangefinder and radar operators.

 W. J. Brogden

 NDRC Report, OSRD #5358 23 July 1945
- 69. Final report in summary of work on the job analysis, qualification and placement of personnel in the amphibicus force.

 K. R. Smith

 NDRC Report, OSRD #5422 8 Aug. 1945
- 70. Final report in summary of work on the selection and training of cargo handling teams for combat laden vessels.

 F. L. Ruch

 NDRC Report, OSRD #5140 29 May 1945
- 71. Final report in summary of work on the selection and training of night lookouts.
 C. H. Wedell
 NDRC Report, OSRD #4342 15 Nov. 1944
- 72. Final report in summary of work on the selection and training of stereoscopic height finder observers.

 W. C. Biel et al

 NDRC report, OSRD #3773 14 June 1944
- 73. Final report in summary of work on the selection and training of telephone talkers.

 L. A. Mallory and W. J. Temple

 NDRC Report, OSRD #5497 27 Aug. 1945

- 74. First report on the Harrogate investigation (psychological tests).

 FPRC Report #529(P) Nov. 1944
- 75. Fitness for aircrew. A psychological and physiological survey of aircrew enlistments in the Royal New Zealand Air Force.

 New Zealand File Nov. 1944
- 76. Follow up of Army personnel: 1. Other Ranks.

 Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)5, 15 Feb. 1943
- 77. Follow-up of officer candidates. Memorandum by the War Office.
 Report, Informal Psychological Subcomm., Comm. Psychologists and
 Psychiatrists PP(SC)(43)16, 9 March 1943
- 78. Follow-up studies. Project M-704. (Improving education of Selective Service Board personnel). OEMcmr-65.

 D. W. Morgan
 Filed with: Reports, Comm. Psychiatry undated
- 79. Follow-up study of the efficiency of the Projection Eikonometer Test in predicting the performance of stereoscopic height finder observers.

 D. C. Beier et al

 NDRC Report, OSRD #4352 21 Nov. 1944
- 80. Form of responses in a word association test comparison of good and bad officer candidates and existing officers.

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)34, 13 Aug. 1943
- 81. Frequency of seeing at low illumination.
 H. K. Hartline and R. MacDonald
 CAM report #110 January, 1943
- 82. Further studies of effective accelerations on the simple swing.
 A. Cipriani
 Proc. Comm. Seasickness, NRCC Jan. 29, 1943, Appendix
- 83. Further study of the validity of the arithmetical computation test.

 Norman Fredericksen

 NDRC Report, OSRD #5302 3 July 1945
- 84. General information on the role of the Armored Medical Research
 Laboratory in the medical research program of the United States
 Army: Employment of civilian technical and professional personnel
 for the Armored Medical Research Laboratory, Fort Knox, Kentucky.
 C. L. Wilburn, Jr.
 Armored Med. Research Lab. 1946
- 85. German research on the selection and training of remote controlled bomb operators.
 P. M. Fitts, Jr.
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 30 July 1945

- 86. Group Rorscharh method. Report on its relation to R.A.A.F. selection problems.

 Buckle, Fraser and Cook
 Report, Comm. Flying Personnel Research, RAAF FR 65, undated
 (rec'd NRC-CMR 1 Aug. 1944)
- 87. High altitude classification tests.
 H. E. Savely
 War Dept., Air Corps, Materiel Div. EXP-M-49-698-8, October 31, 1942
- 88. Improved impact counter for the measurement of smoothness of coordination in the performance of psychomotor tests.

 R. B. Loucks
 War Dept., Sch. Aviation Med., Randolph Field 45(2), December 21, 1942
- 89. Improvements in design and construction of swing for testing individuals susceptible to motion sickness.

 Allan Hemingway

 War Dept., Randolph Field Report 84 (2), February 4, '43
- 90. Incidence of swing sickness in eight categories of Army personnel.
 A. Hemingway
 War Dept., Air Forces, Randolph Field #170 (1) 30 July, 1943
- 91. Index of references to physical examinations, physical examinations, physical requirements and physical standards for U.S. Navy, U.S. Naval Reserve, U.S. Marine Corps, and U.S. Marine Corps Reserve as of April 12, 1944.

 Navy Dept., Bur. Med. and Surg. 12 April 1944
- 92. Influence of body position on the levels of abdominal viscera in relation to sea sickness.

 Donald Mainland.

 Min. Comm. Naval Med. Research, Jan. 28, 1942. Appendix C N.R.C.C.
- 93. Influence of psychological disorder on efficiency in operational flying.

 D. D. Reid

 FPRC report #508 September, 1942
- 94. Interim report. Personality inventory project. June 25, 1941.
 Walter Shipley and Carney Landis
 Div. Anthropology and Psychology, NRC
- 95. Interview boards, investigation of procedure. (Flying Personnel Research Committee.)
 R. B. Buzzard
 Report, Comm. Flying Personnel Research FPRC 580, May 1944
- 96. Investigation into the causes of wastage in parachute troops.

 W. B. Trotter

 British War Office, DBR paper #10 undated; Misc. Report #64

- 97. Investigations into air-sickness in gliders.
 J. W. Magladery
 Report, Comm. Air Borne Troops, MRC BPC 42/56
- 98. Investigations into the prevention of sea-sickness. A summary of previous reports.

 H. E. Holling and W. R. Trotter
 Report, Comm. Airborne Troops, MFRC-BPC 43/175, ABT 18, Feb. 3, 1943
- 99. Manual for use in the selection of fire control-men (0). (Stereoscopic rangefinder operators)
 H. A. Imus
 NDRC Report, OSRD #4050 22 Aug. 1944
- 10G. Maximal tests of exercise tolerance. Interim report No. 3, OEMcmr 122.

 Craig Taylor

 Special Report, CAM April, 1943
- 101. Medical department commissioned personnel data cards. Medical department commissioned personnel change of status report. War Dept., ETO, Tech. Bull. #14 15 Feb. 1945
- 102. Medical examination for fitness for flying. (Royal Air Force and civil).

 Air Ministry April 1940
- 103. Medical investigations into reasons of failure to learn to fly in the specified time.

 Min. RAAF FPRC July 16, 1942, p. 4

 FPRC report #358-k (British File)
- 104. Medical observations during passage on northern convoy. Abstract of report by
 Macdonald Critchley
 Report, Royal Naval Personnel Research Comm. R.N.P. 43/25,
 January-February, 1943
- 105. Medical observer's report on Exercise !Dryshod'. (Army maneuver)
 British War Office September 21, 1942; Misc. Report #21
- 106. Memorandum in personnel selection in the R.A.F. . . E.A. Bott
 Report FPRC #362 (WAM87-1), undated
- 107. Memorandum on radio code school practices.
 A. K. Kurtz
 Filed with: NDRC, March 29, 1943
- 108. Method of selection of aviation medical examiners for special assignment.
 P. A. Campbell
 War Dept., Air Forces, Randolph Field, #200 (1) 6 May 1944

- 109. Minutes of a Conference on Fitness. Held at the National Research Council, Washington, D. C., December 11, 1942.
 Clin. Invest. Report #13 11 December 1942
- 110. Motion sickness history and results of the swing test of one hundred and seven (107) airsick eliminees from flight training.

 A. Hemingway
 War Dept., Air Forces, Randolph Field 170 (2) 7 Sept., 1943
- 111. Motion sickness, present status of research.
 A. K. McIntyre
 Report, Comm. Flying Personnel Research, RAAF FR 91, June 1944
- 112. National Health and Medical Research Council. (Fatigue laboratory, personnel selection.)

 Report, Comm. Flying Personnel Research, FPRC, RAAF FR 99(c), undated (rec'd NRC-CMR 27 Oct. 1944)
- 113. Note regarding the "M-score" of Penrose and Myers. OEMcmr-65.
 L. I. O'Kelly and D. W. Morgan
 Report #1 (abstracted), Comm. Psychiatry 31 March 1943
- 114. Objective method for study of physiology of aeroemphysema and selection of high altitude aircrew using radioactive isotopes of inert gases.

 H. B. Jones et al CAM Report #81
- 115. Objective method for the study of the physiology of aercemphysema and for the selection of high altitude aircrew using the radioactive isotopes of inert gases.

 Hamilton, Lawrence, et al
 Filed with: Reports, Subcomm. Decompression Sickness
- 116. Observations on the correlation of swing sickness and sea sickness.

 Holling, McArdle and Trotter

 Report, Comm. Airborne Troops BPC 42/110
- 117. Organisation of swing-testing in Initial Training School.

 Min. Comm. Motion Sickness Investigation, FPRC, RAAF FR 48,
 23 June 1943, Appendix A
- 118. Partial report number I on preselection tests.

 W. F. Ashe
 Armored Force Med. Research Lab. January 20, 1943
- 119. Personal Aptitude Testing Committee of the German Air Force. (Translation)
 S. Gerathewohl
 War Dept., U. S. Strat. Air Forces in Europe, Misc. undated
 (rec'd NRC-CMR 27 Feb. 1946)
- 120. Personal factor in accidents.

 Indust. Health Research Board, M.R.C. Emerg. Report #3, 1942

- 121. Personal inventory, short form (format C): derivation and preliminary psychiatric validation.

 Shipley, Gray and Newbert

 NDRC, OSRD report #3390 15 March 1944
- 122. Personal inventory, short form (format C): psychiatric validation on a pre-testing basis.

 Shipley, Gray and Newbert

 NDRC, OSRD report #3604, 1 May 1944
- 123. Personal inventory tests, Brown University, NDRC project N-113.

 NDRC Report undated (rec'd NRC-CMR 16 June 1944)
- 124. Personality organization and anoxia tolerance.

 Hertzman, Orlansky and Seitz

 Special report, CAM undated
- 125. Physical defects in civilian applicants for "trainee instructor": incidence and types.

 C. E. Kossmann

 War Dept., Air Forces, Randolph Field 161(1) 21 October 1943
- 126. Physical defects in civilian applicants for "trainee instructor": relation to flying safety.

 C. E. Kossmann and J. H. Tillisch

 War Dept., Air Forces, Randolph Field, #161 (2) (final report)

 8 May 1944
- 127. Post-traumatic personality change. Annual report, OEMcmr-126.

 K. M. Bowman

 Filed with: Reports, Comm. Neurosurgery 1 July 1944
- 128. Practical aspects of the selection of men suitable for experimental and high flight for the aircraft industry. Interim report, OEMcmr-38.

 E. B. Prout and L. F. Nims
 Special CAM Report 15 Sept. 1945
- 129. Prediction of code learning ability.
 A. K. Kurtz
 NDRC Report, OSRD #4059 26 Aug. 1944
- 130. Prediction of failure in flying training and in operations by the brief psychiatric interview.

 R. D. Gillespie and D. D. Reid
 FPRC Report #641 Sept. 1945
- 131. Predisposition to psychological disorder in normal flying personnel.

 Denis Williams

 FPRC report #516 February 1943
- 132. Preliminary note on promising procedures for the assessment of
 temperament.
 F. C. Bartlett
 FPRC report #529(b) May, 1943

- 133. Preliminary notes on the selection of air traffic control officers.
 G. C. Grindley
 FPRC Report #612- March 1945
- 134. Preliminary report of the interrogation of certain high staff officers of the Luftwaffe medical services.

 H. G. Armstrong et al

 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 July 1945
- 135. Preliminary studies in selection, Royal Canadian Air Force.
 E. A. Bott and G. P. Cosgrave
 Report FPRC #363 (WAM 87-2), undated
- 136. Preliminary study of physical standards in relation to success in flight training.

 D. R. Brimhall and Raymond Franzen

 Div. Anthropology and Psychology, NRC Feb. 1944
- 137. Preparation of norms for the Fleet Edition of the General Classification test.

 D. A. Peterson

 NDRC Report, OSRD #4242 10 Oct. 1944
- 138. Pre-selection test for susceptibility to aero-embolism.

 Barnard Smaller

 War Dept., Air Forces, ENG-M-49-695-27, March 30, 1943
- 139. Preselection tests at 35,000 and 38,000 feet.

 J. P. Webb et al

 CAM Report #288 10 April 1944
- 140. Preselection tests. Final report.

 Arthur Freedman and Charles Kirkpatrick

 Armored Med. Research Lab. 17 March 1945
- 141. Preselection tests. Second partial report.
 W. F. Ashe
 Armored Med. Research Lab. 22 April 1944
- 142. Problems in the selection of aviators
 Eric Liljencrantz
 Report, Research Section, Bur. Aeronautics, Navy Dept., 10/30/41
- 143. Procedure for selection of diving and aviation personnel resistant to decompression sickness based on tests in a low pressure chamber. Welham, Blanch and Behnke
 Navy Dept., Bur. Med. & Surg., Research Div. Jan. 1944
- 144. Procedure for sorting the enlisted personnel qualifications cards.
 G. A. Satter and N. C. Kephart
 NDRC Report, OSRD #4689 22 Jan. 1945
- 145. Proceedings of a conference on the use of psychological methods in war time.
 Misc. Canadian Aviation Report #127 2 October, 1939

- 146. Proposal for selection of candidates by combined psychiatric and psychological methods.

 FPRC report #523(a) undated
- 147. Proposed method of expressing follow-up results with SP tests.

 (Handbook on test levels of acceptance).

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)43, 13 Oct. 1943
- 148. Proposed studies on special troops.

 Johnson

 Harvard Fatigue Lab. Report #31
- 149. Psychiatric experiences of the Eighth Air Force. First year of combat (July 4, 1942 July 4, 1943).

 Hastings, Wright and Glueck
 War Dept., Air Forces, Misc. Aug. 1944
- 150. Psychiatry and psychology in the Luftwaffe.
 War Dept., U. S. Strat. Air Forces in Europe, Med. Intell. Bull.
 #17 16 Dec. 1944
- 151. Psychiatry: personnel selection.

 British War Office, Army Med. Dept. Bull. Selections 1941 1942,

 April 1943, pp. 65-67.
- 152. Psychological analysis of the content of autobiographies of Marine Corps officer candidates.

 S. B. Williams and H. J. Leavitt
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,
 M & S Research Project X-385(Sub. no. 74), 17 Feb. 1945
- 153. Psychological observations on selection and training of parachute troops.

 A. Kennedy
 British War Office undated; Misc. Report #45
- 154. Pulhems system of categorisation.

 British War Office, Army Hygiene Advisory Comm.-25 Aug. 1944
- 155. P/W interrogation report: P/W Richter, Joachim.
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 9 Apr. 19/5
- 156. R.A.A.F. no. 2 supplementary report on aptitude testing. G. F. K. Naylor Royal Australian Air Force - 30 April 1944
- 157. Recruit selection in relation to effort syndrome.

 M. Aronovitch

 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944,
 Vol. V, Appendix B
- 158. Regulation barany and swing tests in navigation cadets.

 F. E. McDonough and M. W. Thorner

 War Dept., Air Forces, Randolph Field #100 (1) December 23, 1942

- NITS9. Relation of selection test scores to tank escape performance:
 Submarine school.
 Graham, Mote and Berry
 NDRC, OSRD report #3262 31 Jan. 1944
 - Relationship between classification test score and performance at air observers and elementary flying training schools.
 C. Shagass
 Proc. Assoc. Comm. <u>Aviation</u> Med. Research, NRCC 4 April 1945, Appendix J
 - 161. Relationship between visual acuity and flying ability.

 Ryan

 Report, Comm. Flying Personnel Research, RAAF FR 69, undated

 (rec'd NRC-CMR 1 Aug. 1944)
 - 162. Release of service data to other bodies.

 Report, Subcomm. Services, Comm. Psychologists and Psychiatrists PP(SC) (44)6, 30 Oct. 1944
 - 163. Reliability and consistency of psychiatric opinions on officer quality.

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists
 PP(SC)(43)35, 13 Aug. 1943
 - 164. Reliability of chamber classification for "bends" susceptibility and the validity of the inert gas-exchange method. OEMcmr-111 & 196 F. Henry (J. Lawrence)
 CAM Report #176, 2 September, 1943

 - 166. Reliability of the swing test of motion sickness.
 H. H. Jasper et al
 Proc. Assoc. Comm. Naval Med. Research 7 Oct. 1943, Appendix N-2
 - 167. Report for the year 1943 under contract no. OEMcmr-36. Final report.

 M. A. Blankenhorn and E. B. Ferris, Jr.

 Special CAM Reports
 - 168. Report of research on selection tests at the U.S. Submarine Base,
 New London, Connecticut.
 C. H. Graham et al
 NDRC Report, OSRD #1770 28 June, 1943
 - 169. Report of research on the personal inventory.

 C. H. Graham and W. C. Shipley

 NDRC Report 29 June 1944
 - 170. Report of the Pre-Selection Subcommittee of the Flying Personnel
 Research Committee.
 FPRC Report #385 Dec. 1941

- 171. Report on effort syndrome project: (a) metabolic studies (b) recruit selection (c) the electrocardiogram in effort syndrome (d) psychiatric studies.

 Stansfield, Browne and Hoff
 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. V and Vol. I
- 172. Report on interrogation of PW KP.8417, Dr. Ludwig Guettner. War Dept., ETO undated (rec'd NRC-CMR 30 Aug. 1944)
- 173. Report on living and working conditions among R.N. personnel in the tropics.

 Macdonald Critchley and H. E. Holling
 Filed with: Reports, Comm. Royal Naval Personnel Research,

 MRC 22 April 1944
- 174. Report on personnel selection, R.A.F. and R.C.A.F.

 E. A. Bott

 Miscellaneous Canadian Aviation Report #127 November, 1941
- 175. Report on selection.

 E. A. Bott

 Min. Assoc. Comm. Aviation Med. Research Sept. 18, 1941,

 Appendix L.
- 176. Report on selection tests for wireless operators.
 G. C. Drew
 Report FPRC #419 (WAM-982-18)
- 177. Report on survey of aircrew personnel in the Eight, Ninth, Twelfth, and Fifteenth Air Forces.

 J. C. Flanagan

 War Dept., Air Forces, Miscellaneous 29 March 1944
- 178. Report on the test-retest reliability of the Admiralty Mark I adaptometer.

 W. S. Verplanck and D. T. Reed
 Navy Dept., Bur. Med. & Surg., Research Div. undated
- 179. Report on the test-retest reliability of the Miles four-plaque adaptometer.

 W. S. Verplanck and D. T. Reed
 Navy Dept., Bur. Med. & Surg., Research Div. undated
- 180. Report on the test-retest reliability of the Wright adaptometer. W. S. Verplanck and D. T. Reed Navy Dept., Bur. Med. and Surg., Research Div. undated
- 181. Report on the use of selective tests aboard the U.S.S. New Jersey.
 NDRC Report (Applied Psychology Panel) 31 Aug., 1943
- 182. Report on visit to assault units and submarines at Taranto.

 E. M. Case
 Report, Subcomm. Underwater Physiology, RNPRC, MRC RNP 44/139,
 Sept. 1944

- 183. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.

 H. E. Whittingham

 FPRC Report #651 5 Mar. 1946.
- 184. Research Aviation Medicine.
 Pilot selection tests for R.C.A.F.
 Prof. Bott
 Report Subcomm. Personnel Selection.
 Min. Exec., Assoc. Comm. Aviation Med. Research, Feb. 21, 1941,
 Appendix A.
- 185. Results from the long and short forms of the personal inventory and the general classification test.

 Berry, Graham and Mote

 NDRC Report, OSRD #3962 31 July 1944
- 186. Results obtained from testing recruits with the New London-NDRC questionnaire at the Newport Naval Training Station.

 Mote, Berry and Graham

 NDRC, OSRD report #3040 6 Dec., 1943
- 187. Results on 500 swing tests for investigating motion sickness.

 Allan Hemingway

 CAM report #101 November 16, 1942
- 188. Results with the Luckiesh-Mess-Army Air Forces anoxia demonstration chart, type AAF-1 at simulated altitudes of 15,000 and 16,000 feet.

 A. Chapanis and R. O. Rouse, Jr.
 War Dept., Air Forces, ENG 49-695-12-0, 25 Sept., 1943
- 189. S.A.M. self-pacing discrimination reaction time test (CP611E).

 J. S. Brown
 War Dept., Air Forces, Randolph Field #275 (1) 12 July 1944
- 190. Scheme for testing of temperament in the R.A.F.
 F. C. Bartlett
 FPRC report #529(e) undated
- 191. School of Aviation Medicine Steadiness Test, Form B.

 W. F. Grether
 War Dept., Randolph Field Report 95 (1), December 31, '42
- 192. Stanines selection and classification for air crew duty.
 War Dept., Air Forces, Misc. 1946
- * Number 193 deleted

- 194. Second survey trip of the Committee on Aviation Medicine.

 Report Comm. Aviation Med. #38 Jan. 26, 1942.
- 195. Selection and classification of aircrew by the Japanese. War Dept., Air Forces, Misc. 28 Feb. 1946.
- 196. Selection and training of sector controllers.

 F. C. Bartlett

 FPRC report #403b April 24, 1942
- 197. Selection and validation of tests for color vision: a comparison of two lantern tests for red-green deficiency, the color threshold lantern and a modification of the RCN (Royal Canadian Navy) lantern.

 L. S. Rowland
 War Dept., Air Forces, Randolph Field 137(4) 21 Oct., 1943
- 198. Selection of air traffic control officers. (Second report).

 G. C. Grindley

 FPRC #612(a) 13 June 1945
- 199. Selection of Army drivers. Research and development in 1942. Note by the War Office.

 Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)19, 18 March 1943
- 200. Selection of emotionally unstable personnel by battle noise equipment.

 E. L. Hartley and D. B. Jones

 NDRC Report, OSRD #4684 10 Feb. 1945
- 201. Selection of filterers. Personnel selection.
 F. C. Bartlett
 FPRC report #480
- 202. Selection of fire controlmen (0), rangefinder and radar operators.

 D. C. Beier et al

 NDRC Report, OSRD #4861 26 March 1945
- 203. Selection of illiterate recruits for educational purposes.

 British War Office, Misc. Report #134 11 March 1944
- 204. Selection of men for physical work in hot weather.
 R. E. Johnson and S. Robinson
 Harvard Fatigue Lab. Report #57 (OSRD #16)
- 205. Selection of sector controllers.

 F. C. Bartlett

 FPRC report #403 (c) July, 1942

- 206. Selection of items for the U.S. Navy general classification test-form 2 and the U.S. Navy tests of reading and arithmetical reasoning-form 2.

 G. A. Satter

 NDRC Report, OSRD #3756 8 June 1944
- 207. Selectometer, a classification guide. E. R. Keislar et al NDRC Report, OSRD #4746 - 24 Feb. 1945
- 208. Series of cases with psychological disorder examined in relation to the problem of selection of flying personnel.

 C. P. Symonds

 Report FPRC #412-a(WAM-982-11).
- 209. Sickness and age of Railway Control Staff.

 J. W. Whitfield

 FPRC Report #612(c) undated (rec'd NRC-CMR 31 Oct. 1945)
- 210. Signs of temperamental unsuitability in pilots under training.

 (Memorandum on selection by instructors).

 Denis Williams

 FPRC report #518 March, 1943
- 211. Simple coordination test in selection of aviation cadets.

 H. M. Turk
 War Dept., Air Forces, Randolph Field #196 (1) 16 Nov., 1943
- 212. Simple test of fitness of the circulation. OEMcmr-28.
 I. Starr
 CAM Report #133 May 1, 1943
- 213. Small light threshold meter.

 W. M. Rowland
 War Dept., Randolph Field Report 69 (2), January 23, '43
- 214. S P Bulletin 109. Personnel selection procedure used in New Entry Training Establishments.

 British Admiralty hugust 1943
- 215. S P Bulletin 133. Follow-up data from HMS Excellent.
 British Admiralty September 1943
- 216. S P Bulletin 146. (Value of personnel selection procedure employed in the allocation of men to air maintenance categories.)

 British Admiralty May 1944
- 217. Special summary report on the Rorschach personality test. Memo accompanying OSRD report OEMcmr-224.

 C. P. Seitz and M. Hertzman
 Special Report, CAM undated (Rec'd NRC 4 Dec., 1943)
- 218. S P report ACRl on an investigation into the value of a psychologist's interviews with 'border-line' CW candidates.

 British Admiralty August 1943

- 219. Standardization and validation of the personal inventory: psychiatric criterion. (NDRC report OEMcmr-834)
 Shipley, Gray and Newbert
 Filed with: NDRC, June 24, 1943
- 220. Standards of fitness for S.A.S. Troops. (Parachute troops)
 Report, MPRC BPC 79(W-228-lrr)
- 221. Statistical evaluation of the basic classification test battery (Form I).

 H. S. Conrad

 NDRC Report, OSRD #4636 14 May 1945
- 222. Statistical evaluation of the United States Navy Officer Qualification Test-Forms 2 and 3.

 D. A. Peterson

 NDRC Report, OSRD #3978 4 Aug. 1944
- 223. Studies of certain psychiatric problems of wartime medical administration and of war medicine. Final report, OEMcmr-337.

 C. C. Fry
 Filed with Reports, Comm. Neuropsychiatry 15 June 1944
- 224. Studies of certain psychiatric problems of wartime medical administration and of war medicine. Semi-annual report, OEMcmr-337.

 C. C. Fry
 Filed with: Reports, Comm. Neuropsychiatry 1 Dec., 1943
- 225. Study of decompression sickness in 25 airplane flights at 35,000 feet. OEMcmr-196.
 C. A. Tobias et al (J. H. Lawrence)
 CAM Report #319 May 1944
- 226. Study of enuresis in aviation cadet applicants.

 M. W. Thorner

 War Dept., Air Forces, Randolph Field #134 (1) May 24, 1943
- 227. Study of records of aircrew personnel eliminated from flying after graduation from flying training.
 C. G. Grulee
 War Dept., Air Forces, Randolph Field #211 (1) 6 Dec., 1943
- 228. Study of the ability of normal and colour defective individuals to recognize Very signal flares and Aldis lamp signals.
 A. M. Crossland
 Canadian Aviation Report #125 October 19, 1942
- 229. Summaries of reports to the Subcommittee on Personnel Selection.
 (35 reports). Presented by
 J. W. Tice
 Proc. Assoc. Comm. Aviation Med. Research February 27, 1943,
 Appendix A

- 230. Summary of advances during 1944 in the field of high altitude decompression sickness.

 J. F. Fulton

 Special CAM Report 10 Jan. 1945
- 231. Summary of SP follow-up report 12 (Admiralty, October 1942) on the selection of air fitters and air mechanics.

 Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)7, 16 Feb. 1943
- 232. Summary of SP follow-up report 13 (Admiralty, October, 1942) on selection tests for RDF operators.

 Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)8, 16 Feb. 1943
- 233. Summary of SP follow-up report 14 (Admiralty, November 1942) on the reliability and validity of the progressive Matrices test.

 Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)9, 16 Feb. 1943
- 234. Swing Sickness and a history of motion sickness in relation to airsickness, (second report)

 Brown, Brett and Howlett

 Proc. Assoc. Comm. Aviation Med. Research 22 July, 1943,
 Appendix F, Report #1
- 235. Symposium on the psychiatric interview in officer selection.
 (Edited by John Rickman)
 British War Office, Misc. Report #148 Apr. 1944
- 236. Tachycardia, initial hypertension and hypotension related to pilot success in training (E.F.T.S.).

 R. G. Cadham

 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix J, Report #4
- 237. Technical memorandum (C.D.C.) no. 2. Follow-up of W.O.S.B. cadets at O.C.T.U. Progress report. January, 1943. Note by the War Office. Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)18, 18 March 1943
- 238. Tenth draft monthly report by the Joint Secretaries: invaliding rates, classification, policy, etc.
 Philip Allen and J. Cohen
 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)41, 28 Sept. 1943
- 239. Testing of Asdic personnel. Halifax, Nova Scotia.
 Solandt, Smith, Cowan and Dales
 Proc. Assoc. Comm. Naval Med. Research Jan. 30, 1943, Appendix R
- 240. Test of the adequacy and range of use of winter clothing. Study of the methods for selection of men for cold weather operations. Partial report.

 A. Freedman and S. M. Horvath
 Armored Med. Research Lab., project #1, 10 Apr. 1944

- 241. Tropical climates and the soldier.

 D. H. K. Lee
 Report, Comm. Army Physiological Research, NHMRC 14 June 1944
- 242. Use of psychological tests in the selection of operations room personnel.
 F. C. Bartlett and G. C. Grindley
 Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)10, 17 Feb. 1943
- 243. Use of psychological tests in the selection of operations room personnel.

 F. C. Bartlett and G. C. Grindley
 Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43 memo #2, 25 Jan. 1943
- 244. Use of the Philco trainer in the training of A-scan oscilloscope operators.

 D. B. Lindsley et al

 NDRC, OSRD report #2096 15 Oct., 1943
- 245. Use of the somatotype in standardizing and objectifying the ARMA (adaptability rating for military aeronautics).

 W. H. Sheldon
 War Dept., Air Forces, Randolph Field 127(2) 30 August 1943.
- 246. Validational study of oscilloscope operator tests.
 I. H. Anderson et al
 NDRC, OSRD Report #3712 24 April 1944.
- 247. Validation. Notes by the War Office. (Personnel selection).
 Report, Informal Psychological Subcomm., Comm. Psychologists and
 Psychiatrists PP(SC)(43)6, 16 Feb. 1943.
- 248. Validation of officer selection tests by means of combat proficiency ratings. Progress report No. 1: The prediction of successful combat leadership.

 Williams, Leavitt and Blair
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,

 M & S Research Project No. X-620 (Sub. No. 135) 18 Jan. 1946
- Validation of officer selection tests by means of combat proficiency ratings. Progress report no. 2: Final analysis.
 H. J. Leavitt and N. Adler
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,
 M & S Research Project X-620 16 May 1946
- 250. Validation of the preselection test for high altitude operation recommended by the United States Subcommittee on Decompression Sickness.

 Stewart, Bateman and Milne
 Misc. Canadian Aviation report #132 18 Aug. 1943

- 251. Wastage in wireless operations under training.
 G. C. Drew
 FPRC report #419-a (WAM-153-3)
- 252. Work for the services at the Psychology Departments at University College, London, and Edinburgh University.

 Burt and Drever

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)44, 14 Oct. 1943
- 253. Work of the Unit for Applied Psychology at Cambridge University.

 F. C. Bartlett

 Filed with: Reports, Indust. Health Research Board, MRC 1945,

 App. E
- 254. Work undertaken for the services during the war by the National Institute of Industrial Psychology.
 C. B. Frisby
 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)42, 30 Sept. 1943

XLVIII. PHYSICAL FITNESS

- Air Staff Post-hostilities Intelligence Requirements on German Air Force.
 B. Schreuder et al.
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 Aug. 1945.
- Comparative study of the Behnke and the Harvard step-up tests for physical fitness.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field No. 148(1), 5 August, 1943.
- Comparative study of the Behnke and Harvard step-up tests for physical fitness; Further studies of the Harvard step-up test.
 R. R. Ronkin.
 War Dept., Air Forces, Randolph Field No. 148 (2) 17 Aug. 1944.
- 4. Correlation of reduction time of the blood with certain fundamental physiological characteristics, with special reference to physical fitness. Ohmomr-402.
 G. B. Ray.
 Filed with: Reports, Comm. Conval. and Rehab. undated (rec'd NRC-CLR 25 May 1944).
- 5. Development of tests to evaluate the physical fitness of men. Eichna, Bean, and Ashe.

 Armored Med. Research Lab. + 10 Mar. 1944.
- 6. Dietary protein and physical ritness in temperate and hot environments.
 Pitts, Consolazio, and Johnson.
 Harvard Fatigue Lab. Report No. 91 (No. 22 to OSRD) 1 December,
 1943.
- 7. Effect of age upon the physical fitness rating.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field No. 191 (1) 11 Jan., 1944.
- 8. Effect of age upon the physical fitness rating.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field No. 191(2) 11 July 1944.
- 9. Effect of forward and reverse grips on chinning at various performance levels.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field No. 189 (1) 20 Dec., 1942.
- 10. Effect of high B Vitamin intakes on the ability of man to work in the heat. (A report to the National Research Council).

 Henschel, Taylor, Mickelson, and Keys.

 Filed with: Reports, Comm. Clin. Invest. March 11, 1947.
- Effect of reverse and forward grips upon performance in chinning.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field 178(1) 1 September 1943.

- 12. Effect of various physical training programs upon the physical fitness of AAF personnel: Influence of selection of physical training activities upon physical fitness of personnel in the Air Technical Service Command.

 R. A. Weiss and Arthur Kemp.

 War Dept., Air Forces, Randolph Field No. 307 (2) 1 Aug. 1945.
- 13. Effect of various physical training programs upon the physical fitness of AaF personnel: influence of section of physical training activities upon physical fitness of personnel in the Central Flying Training Command.

 E. R. Elbel.

 War Dept., Air Forces, Randolph Field No. 207(1) 29 Oct. 1945.
- 14. Effect produced on the scores of the AAF Physical Fitness Test by the wearing of the fatigue uniform.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field No. 179(1) 4 October 1947.
- 15. Effects of a diet deficient in the Vitamin B Complex on sedentary men.

 L. Lgana, R. E. Johnson, et al. Thorndike Memorial Lab. and
 Harvard Fatigue Lab.
 Harvard Fatigue Lab. Report No. 14.
- 16. Effects of variations in dietary protein on the physical well being of men doing manual work. Final report, OEMcmr-212.

 R. C. Darling et al.

 Harvard Fatigue Lab. report No. 112 (No. 27 to OSRD) 10 April 1944.
- 17. Effects of variations in dietary protein on the physical well being of men doing manual work. Preliminary report, OEMcmr-212.
 R. C. Darling et al.
 Harvard Fatigue Lab. Report No. 78, 15 August, 1942.
- 18. Effects of variations in dietary protein on the physical well being of men working in hot environments. Preliminary report, OEMcmr-328.

 Johnson, Pitts, and Consolazio.

 Harvard Fatigue Lab. Report No. 79, 15 August, 1943.
- 19. Effects of variations in dietary vitamin C on the physical well being of manual workers. Final report, OEMcmr-313.

 R. E. Johnson et al.

 Harvard Fatigue Lab. Report No. 125 28 Sept. 1944.
- 20. Effects of variations in dietary Vitamin C on the physical well being of men doing hard manual work. Preliminary report, OEMcmr-212.
 R. E. Johnson et al.
 Harvard Fatigue Lab. Report No. 77, 15 August, 1942.
- Evaluation of targets investigated and summary of information obtained pertaining to research in aviation medicine for the German Air Force.
 W. R. Lovelace and V. J. Dulff.
 War Dept., U. S. Strat. Air Forces in Europe, Misc. -

4 Aug. 1945.

- 22. Experimental studies on man with a restricted intake of the B vitamins.

 Part I. The border-line of deficiency. Revised ed.

 Ancel Keys et al.

 Report No. 25, Comm. Med. Nutrition 20 Feb. 1945.
- 23. Experimental studies on man with a restricted intake of the B vitamins.

 Part II. The results of acute deprivation of vitamins of the
 B complex. Interim report, OEMcmr-27.

 Ancel Keys et al.

 Report No. 26, Comm. Med. Nutrition 8 Jan. 1945.
- Experimental vitamin A deficiency in man and the ability to perform muscular exercise.
 Wald, Brouha, and Johnson.
 Harvard Fatigue Lab. Report No. 7 February 1942.
- 25. Final report on the physical fitness of soldiers and observations on their clothing. Report No. 6.

 Forbes et al.

 Harvard Fatigue Lab. Report No. 15.
- 26. Handbook for medical examiners, 2nd edition.

 Dept. Commerce 15 Oct. 1944.
- 27. Hard work on restricted B vitamins. OEMcmr-27.

 Ancel Keys et al.

 Report No. 7 (abstracted), Comm. Med. Nutrition 3 Nov. 1943.
- 28. Influence of height, weight and age on the step-up test.

 N. Pace.

 Navy Yard, Experimental Diving Unit undated (rec'd NRC-CMR, 16 Sept. 1946).
- 29. Lactate response to exercise and its relationship to physical fitness.

 Report No. 4, OEMcmr-122.

 Frederick Crescitelli and Craig Taylor.

 Special report, CAM June, 1943.
- 30. Maximal pack test of exercise tolerance. Interim Report No. 5,0EMcmr-122.

 Craig Taylor.

 Special report, CAM June, 1943.
- 31. Measures of exercise tolerance.
 Craig Taylor and Raymond Franzen.
 Div. Anthropology and Psychology, NRC Feb. 1946.
- 32. Medical examination for fitness for flying. (Royal Air Force and civil).

 Air Ministry April 1940.
- 23. Minutes of a Conference on Fitness. Held at the National Research Council, Washington, D. C., December 11, 1942.

 Clin. Invest. Report No. 12 11 December 1942.

- 34. Minutes of conference on physical fitness.

 NRC Misc. 21 Nov. 1944.
- 35. Muscle endurance tests of exercise tolerance. Report No. 7, Ohmomr-122.

 Taylor, Brown, and Morris.

 Special report, CAM June, 1943.
- 36. Normal responses to exercise, which might be confused with pathological changes.

 R. E. Johnson.

 Harvard Fatigue Lab. report No. 49 (OSRD report No. 15)

 27 Jan. 1943.
- 37. Observations on standard of physical fitness for service in the Eastern Theatre of Operations.

 War Dept., ETO undated (rec'd NRC-CMR, 24 Feb. 1945).
- 38. "Pack" test of physical fitness for hard muscular exercise Fatigue Lab. Staff.

 Harvard Fatigue Lab. Report No. 16 (O.S.R.D. Report No. 1)

 13 April 1942.
- 39. Palmar skin resistance as a measure of physical fitness.
 E. R. Elbel and R. R. Ronkin.
 War Dept., Air Forces, Randolph Field No. 219(1) 18 July 1945.
- 40. Physical fitness.

 War Dept., Air Forces, PIF undated (rec'd NRC-CMR, 5 Feb. 1945).
- 41. Physical fitness achievement tests.
 G. O. Williams.
 FPRC Report No. 630 July 1945.
- 42. Physical fitness for combat duty.

 Harvard Fatigue Lab. report No. 48 December, 1942.
- 42. Physical fitness for convalescents.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field, No. 224 (1) 14 June 1944.
- 44. Physical fitness, general health and nutritional status of 140 Gurka reinforcements.
 R. M. Kark.
 Misc. Canadian Report No. 130 28 Feb. 1945.
- 45. Physical fitness in the Army Air Forces.

 O. W. Harris.

 War Dept., Air Corps, Materiel Div. ENG-M-49-696-28, January 2,1943.
- 46. Physical fitness of entering AAF personnel.
 R. A. Weiss.
 War Dept., Air Forces, Randolph Field, No. 195 (1) 27 May 1944.

- 47. Physical fitness of soldiers for hard muscular work.

 Forbes et al.

 Harvard Fatigue Laboratory Report No. 20 (OSRD Report No. 5).
- 48. Physical fitness tests for convalescents: analysis of the pulse reactions in the red step-up test.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field No. 224 (2) 12 August 1944.
- 49. Physical fitness tests for convalescents: a study of convalescing rheumatic fever patients.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field No. 224(4) 25 Sept. 1945.
- 50. Physical fitness tests for convalescents: effect of exercise upon the sedimentation rate of red blood corpuscles.

 P. V. Karpovich.

 War Dept., Air Forces, Randolph Field No. 224 (3) 4 August 1944.
- 51. Physical performance in relation to diet. Interim report, Ohmcmr-220. Ancel Keys.

 Filed with: Reports, Comm. Med. Nutrition undated (Rec'd NRC 11 August, 1943).
- 52. Physical training program for convalescing patients: pulse reaction to performing step-up exercise on benches of different heights.

 E. R. Elbel and L. L. Green.

 War Dept., Air Forces, Randolph Field No. 216(4) 25 Jan. 1945.
- 53. Physiological adaptation of man to heat. Final report, OELcmr-328.

 A. V. Bock.

 Filed with: Reports, Comm. Clin. Invest. undated (rec'd NRC-CMR 19 Nov. 1945).
- 54. Preliminary report on a physical fitness test applied to athletes, untrained civilians and soldiers.
 W. H. Forbes.
 Harvard Fatigue Lab. Report No. 2 15.XI.41.
- 55. Preliminary report on experiments on soldiers and their clothing under different climatic conditions.
 Darling, Forbes et al.
 Filed with: Harvard Fatigue Lab-Reports No. 1.
- 56. Preliminary study of physical standards in relation to success in flight training.
 D. R. Brimhall and Raymond Franzen.
 Div. Anthropology and Psychology, NRC Feb. 1944.
- 57. Problem of measuring physical fitness for hard work.

 Brouha et al.

 Harvard Fatigue Lab. Report No. 22 (OSRD Report No. 7).

- 58. Problem of pilot wastage.

 Report F.P.R.C. No. 417, Jan. 12, 1942.
- 59. Proposed studies on special troops.

 Johnson.

 Harvard Fatigue Lab. Report No. 21.
- 60. Quantitative measurement of the effectiveness of a program of mass physical training.

 Bingham et al.

 Harvard Fatigue Lab. Report No. 21 (OSRD Report No. 6).
- 61. Rapid form of the Harvard Fatigue Laboratory test of physical fitness, abridged for use on large numbers of men. (Appendix to report No. 46; see also report No. 48).

 Harvard Fatigue Lab. report No. 47 January, 1943.
- 62. Relation between bends and physical fitness.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field, No. 192 (1) 25 Oct. 1943.
- 65. Relation between breath holding tests and the endurance in running and Harvard step-up test score.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field No. 273(2) 7 Nov. 1945.
- 64. Relation between coordination exercises and flying ability.
 P. V. Karpovich.
 War Dept., Randolph Field Report 86 (1), February 2, 1943.
- 65. Relationship between Harvard Step Test scores and sickness in R.C.A.F. personnel at commencement of preflying training.

 A. H. Sellers et al.

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 12 March 1945, Appendix C1.
- 66. Reliability of the AAF physical fitness test.

 P. V. Karpovich.

 War Dept., Air Forces, Randolph Field 184(1) 20 October 1943.
- 67. Report of findings on the G. B. Ray spectroscopic measurement of blood reduction time as an index to "physical fitness".
 C. J. Spear and R. E. Smith.
 Naval Med. Research Inst. Project X-124(2), 22 March 1945.
- 68. Report on a test of physical fitness for hard muscular work.

 A. Hemingway and A. Schweitzer.

 Report, MPRC-BPC 42/211, March 1947.
- 69. Report on living and working conditions among R. N. personnel in the tropics.

 Macdonald Critchley and H. E. Holling.

 Filed with: Reports, Comm. Royal Naval Personnel Research,

 MRC 22 April 1944.

- 70. Report on studies of men in simulated desert heat.
 W. B. Bean et al.
 Armored Force Med. Research Lab. April 3, 1943.
- 71. Report on the nutritional status of Indian Troops 14th Army
 Canadian Nutritional Research Team RCAMC "G" Research A.L.F.S.E.A.
 Part II: Transport Unit, R.I.A.S.C. (Corps and Divisional Troops):
 The relationship between environment, nutrition and operational fitness.
 R. M. Kark.
 Misc. Canadian Report No. 155 June 1945.
- 72. Report on the nutritional status of I.O.Rs. Fourteenth Army
 Canadian Nutritional Research Team, RCANC, G, Research, ALFSEA.
 Part IV: General Review.
 R. M. Kark.
 Misc. Canadian Report No. 146 July 1945.
- 73. Russian manual of the method of examination for flying duties. F.P.R.C. report 392h.
- 74. Second fitness conference. April 13, 1943.
 Clin. Invest. Report No. 15 13 April 1943.
- 75. Selection of men for physical work in hot weather.
 R. E. Johnson and S. Robinson.
 Harvard Fatigue Lab. Report No. 57 (OSRD No. 16).
- 76. Simple test of fitness of the circulation. OEMcmr-28.

 I. Starr.

 CAM Report No. 123 May 1, 1942.
- 77. Some effects of sulfathiàzole and sulfadiazine on man at rest and during exercise.
 Darling, Forbes et al.
 Harvard Fatigue Lab. Report No. 6.
- 78. Standardization of a test of hand strength.

 M. B. Fisher and J. E. Birren.

 Naval Med. Research Inst. Project X-293(5), 16 April, 1945.
- 79. Standards of fitness for S.A.S. troops. (Parachute troops).
 Report, MPRC BPC 79.
- 80. Step-up test to evaluate fitness for physical exertion in healthy men.

 Behnke, Welham, White, Pace.

 Naval Med. Research Inst., Project X-154, report No. 2 6 Dec., 1945.
- 81. Studies in the AAF physical fitness test: Sit-ups and leg-lifts. P. V. Karpovich.
 War Dept., Air Forces, Randolph Field No. 245 (4) 18 Aug. 1945.

- 82. Studies of the AAF physical fitness test: effect of secondary body movements on chinning scores.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field No. 245 (2) 14 April 1944.
- 82. Studies of the AAF physical fitness test: selection of a time limit for sit-ups.
 P. V. Karpovich.
 War Dept., Air Forces, Randolph Field No. 245 (2) 12 July 1944.
- 84. Studies of the AAF physical fitness test: training curves in chinning.
 Peter V. Karpovich.
 War Dept., Air Forces, Randolph Field No. 245 (1) 14 Apr. 1944.
- 85. Studies of the effect of training on scores in a submaximal test of exercise tolerance. Interim Report No. 6, OFFICHT-122.

 Craig Taylor and Robert Morris.

 Special report, CAM June, 1943.
- 86. Study of the RAF 40 mm. (Flack) test.
 E. R. Elbel.
 Var Dept., Air Forces, Randolph Field No. 273 (1) 1 Nov. 1945.
- 87. Test of acceptability and adequacy of U. S. Army C, K, 10-in-1 and Canadian Army Mess Tin Rations.

 Armored Med. Research Lab. 22 Nov. 1944.
- 88. Tests of the "ability to take it".

 J. W. Dunlap et al.

 Div. Anthropology and Psychology, NRC February, 1943.
- 89. Use of the reduction time of the blood as a measure of physical fitness in health and disease. Final report, OEMcmr-402.
 G. B. Ray.
 Filed with: Reports, Comm. Conval. and Rehab. 27 Sept. 1944.
- 90. Use of the reduction time of the blood as a measure of physical fitness in health and disease. Supplementary report, OEMcmr-402.

 J. R. Johnson.
 Filed with: Reports, Comm. Convol. and Rehab. undated (rec'd NRC-CMR 29 Jan. 1946).
- 91. Validation of physical fitness tests by evaluation of performance of subjects.
 H. M. Patt.
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,
 M & S Research Project X-526, 6 Sept. 1945.
- 92. Validation of physical fitness tests by means of marksmanship performance under conditions of acute fatigue. Partial report.
 White, Welham and Williams.
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,
 M & S Research Project No. X-274(4v128c) 19 May 1944.

XLIX. PHYSICAL HANDICAPS

- Medical examination for fitness for flying. (Royal Air Force and civil). Air Ministry - April 1940.
- 2. Proposed revision of the neuropsychiatric standards of AR 40-110.

 I Muscle atrophy.
 M. W. Thorner.
 War Dept., Air Forces, Randolph Field No. 150 (1) 16 Sept., 1943.
- 3. Psychological aspects of the rehabilitation of the limbless.
 E. Wittkower.
 British War Office Misc. Report No. 260 Jan. 1944.

L. PILOT SELECTION

- 1. Abnormal electrocardiograms found in R.C.A.F. aircrew.
 G. W. Manning and C. B. Stewart
 Min. Exec. Assoc. Gomm. Aviation Med. Research, NRCC 7/29/42.
 Appendix I
- 2. After contraction process and fatigability in pilots.
 W. M. Honeyman
 FPRC report #515 February, 1943
- 3. Aircraft pilot. 5 years of research, a summary of outcomes. M. S. Viteles Div. Anthropology and Psychology, NRC - 15 June 1945
- 4. Airsickness and vestibular sensitivity as related to learning to fly.
 G. R. Wendt.
 Comm. Selection & Training Aircraft Pilots Prog. Report Sept., 1940.
- 5. Analysis of causes for suspension of pupils at elementary flying training schools based on type of inadequacy.

 W. M. Honeyman
 Report F. P. R. C. #275.
- 6. Analysis of graphic records of pilot performance obtained by means of the R-S ride recorder. Part II. Quantitative evaluation of pilot performance on 720° power turns.

 Oscar Backstrom, Jr. and M. S. Viteles

 Div. Anthropology and Psychology, NRC Jan. 1946
- 7. Analysis of inspectors' ratings of check flights as recorded on form ACA 342Z.

 Leon Festinger et al

 Div. Anthropology and Psychology, NRC March 1946
- 8. Analysis of photographic records of aircraft pilot performance.

 M. S. Viteles and A. S. Thompson

 Filed with: Div. Anthropology and Psychology, NRC July 1944
- 9. Analysis of ratings in the preliminary phase of CAA training program.

 H. M. Johnson and M. L. Boots.

 Comm. Selection & Training Aircraft Pilots Prog. Report Sept.,

 1940.
- 10. Analysis of test data on 1938-39 CAA students.

 E. L. Kelly.

 Comm. Selection & Training Aircraft Pilots Prog. Report Sept., 1940.
- 12. Assessment of temperament by psychological methods in 1,000 bomber pilots at No. 7 personnel receiving centre, Harrogate. Interim report.

 E. G.Chambers
 Report, Comm. Flying Personnel Research FPRC 529(L), Feb. 1944

- 13. Assessment of temperament by psychological methods in 1000 bomber pilots at No. 7 personnel reception centre, Harrogate.

 D. R. Davis

 Report, Comm. Flying Personnel Research FPRC 529(m), Feb. 1944
- 14. Association between ratings on specific maneuvers and success or failure in flight training of RAF cadets.

 Viteles, Franzen and Rogers

 Div. Anthropology and Psychology, NRC Oct. 1944
- 15. Comparison of preference for training with an evaluation of combat performance of pilots.

 Richard Trumbull and Oscar Backstrom

 Navy Dept., Naval Air Station, Pensacola, Fla., Project X-718(1) 1
 July 1946
- 16. Comparison of pre-selection assessments based on objective and subjective data, and on objective data only.

 Bradford Hill.

 Report F.P.R.C. #385-b, Oct. 1, 1941.
- 17. Comparison of student pilot performance in successive check flights as measured by photographic records.

 Wapner, Festinger and Odbert

 Div. Anthropology and Psychology, NRC March 1946
- 18. Comparison of the old and new Rudder Control Tests, CM120B and CM120C, and of the Single Target and Triple Target forms of the new Rudder Control Test.

 A. W. Melton
 War Dept., Air Forces, Randolph Field #339 (1) 21 Dec. 1944
- 19. Construction of an objective work association test for assessing aircrew candidates.

 C. Shagass

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945,
 Appendix M
- 20. Criteria of flight competence.

 H. A. Edgerton and R. Y. Walker.

 Selection & Training of Aircraft Pilots Prog. Report Sept., 1940.
- 21. Davis' analysis of relation of the electroencephalogram to flying.
 M. W. Thorner
 Army Air Force, Randolph Field Report 94(1), Dec. 18, '42
- 22. Development of a scale for rating pilot competence.

 E. L. Kelly.

 Comm. Selection & Training Aircraft Pilots Prog. Report Sept., 1940.
- 23. Development of standard flights and the use of time and motion study techniques in the pilot training program.
 M. S. Viteles.
 Comm. Selection & Training Aircraft Pilots Prog. Report, Sept., 1940

- 24. Development of the C.A.A.--N.R.C. Flight Recorder.

 Walter McKay

 Filed with: Div. Anthropology and Psychology, NRC Sept. 1944
- 25. Effective contact width as a factor in determining difficulty of the S.A.M. Complex Coordination Test.

 W. F. Grether
 War Dept., Air Forces, Randolph Field #305(1) 25 July 1944
- 26. Effect of massing and distribution of practice on rotary pursuit test scores.

 Spence, Buxton and Melton
 Div. Anthropology and Psychology, NRC March 1945
- 27. Effect of massing and distribution of practice on the S.A.M. complex coordination test.

 Spence, Buxton and Melton
 Div. Anthropology and Psychology, NRC Dec. 1945
- 28. Electroencephalographic studies of aircrew: slow epidodal activity.

 J. E. Goodwin and G. F. M. Smith

 Proc. Assoc. Comm. Aviation Med. Research February 27, 1943,

 Appendix B
- 29. Encephalogram as means of assessing aptitude of R.A.F. cadets, failure to establish any correlation in 100 cases.

 E. D. Adrain.

 Report F. P. R. C., #282, Apr. 5, 1941
- 30. Enquiry into psychological disorders in flying personnel.

 C. P. Symonds and Dennis Williams

 F. P. R. C. report #421-b
- 31. Evaluation of instructional techniques described as effective by flight instructors.

 E. S. Ewart et al

 Div. Anthropology and Psychology, NRC June 1946
- 32. Evaluation of respiratory measures for use in pilot selection.

 Raymond Franzen and Louisa Blaine

 Div. Anthropology and Psychology, NRC Jan. 1944
- 33. Evaluation of the Stevens Pursuit Meter (CM814A) as a psychomotor test for the selection of pilot trainees.

 J. S. Brown
 War Dept., Air Forces, Randolph Field #272 (1) 1 Oct. 1945
- 34. Evolution of the R.A.F. flight test for pilot selection, January 1942 to January 1943.

 Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)4, 15 Feb. 1943
- 35. Examination of night visual capacity in relation to flying.
 P. C. Livingston
 F.P.R.C. report #455

- 36. Experimental work proposed and being carried out at the New Medical School, Sydney University by F/Lts. McIntyre and Morson. Australian file Sept. 25, 1941.
- 37. Extract from minutes of the IV-th meeting of the APTITUDE TESTS BOARD, South African Air Force, held at No. 75 Air School, Lyttleton, on 18.12.41.

 F. P. R. C. report #416a (in Dr. Miles' file)
- 38. Extract from the Russian handbook of the medical examination for fitness for flying. 1939, pages 85-92. Translation.

 Report F.P.R.C. #392, undated.
- 39. Factors in aircrew selection. Special study No. 1.

 The value of the 25-point psychiatric appraisal scale and the psychiatric assessment for predicting success in pilot and navigator training.

 G. L. Adamson et al

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945, Appendix O
- 40. Factors in aircrew selection. Special study No. 2. The Link test of pilot aptitude.

 G. L. Adamson et al Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945, Appendix P
- 41. Factors in aircrew selection. Special study No. 3. Sensory motor apparatus No. 3 as a test of pilot aptitude
 C. Shagass and P. A. Christie
 Proc. Assoc. Comm. Aviation Med. Research NRCC 4 April 1945,
 Appendix Q
- 42. Factors in aircrew selection. Special study No. 4. The validity of the 10-point rating of the electroencephalogram for predicting the training success of pilots, navigators and navigator bombers. C. Shagass and P. A. Christie
 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945, Appendix R
- 43. Final report on research project R 7-2; research project regarding classification tests in low pressure chambers.

 Med. Research Div., U. S. Naval Air Station, Pensacola CAM report #89 October 30, 1942
- 44. Flack test in relation to success in flying training.

 A. W. Lapin

 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix D,

 Report #8
- 45. Follow-up report on the Harrogate experiment.

 E. G. Chambers

 FPRC Report #529(s) May 1946

- 46. Graphic registration of flight performance.

 R. M. Bellows.

 Comm. Selection & Training Aircraft Pilots Prog. Report, Sept., 1940.
- 47. Handbook for medical examiners, 2nd edition.
 Dept. Commerce 15 Oct. 1944
- 48. Handbook for Medical Examiners. Suggested revision submitted by the Committee on Medical Problems of Civil Aviation, National Research Council.

 Dept. Commerce undated (rec'd NRC-CMR 17 July 1946)
- 49. Harrogate experiment: Control Column Test. The Association of assessments and personal liability of pilots to accidents.

 W. M. Honeyman

 FPRC Report #529(t) Feb. 1946
- 50. High altitude indoctrination and classification program. Directive. War Dept., Air Forces, Miscell. March 19, 1942
- 51. History and development of the Ohio State Flight Inventory. Part I:
 Early versions and basic research.
 H. A. Edgerton and R. Y. Walker
 Div. Anthropology and Psychology, NRC July 1945
- 52. Incidence of decompression illness in the classification of aviation personnel.

 Med. Research Div., U. S. Naval Air Station, Pensacola
 CAM report #88, September 23, 1942
- 53. Incidence of decompression illness in the classification of aviation personnel. Bierman, Smedal, and Gemmill.

 C.A.M. report #65 8/18/42
- 54. Incidence of decompression sickness on consecutive daily ascents to 35,000 feet.

 C. B. Stewart et al.

 Min. Exec. Assoc. Comm. Aviation Med. Research, NRCC. 7/29/42, Appendix G
- 55. Incidence of ear, nose and throat affections among candidates examined at R.A.F. aviation candidates medical boards.

 E. D. D. Dickson.

 Report F.P.R.C. #372, Oct. 26, 1941.
- 56. Indicators of emotional disturbances in flight.

 Richard Parmenter.

 Comm. Selection & Training Aircraft Pilots Prog. Report, Sept., 1940
- 57. Interim report on pre-selection tests. Developed at the Physiological Laboratory, Cambridge.

 F. C. Bartlett.

 Report F.P.R.C. #191, undated.

- 58. Interrogation of Dr. Luxemberger, Psychiatric Dept., Medical Service of the GAF.
 G. C. McDonald
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 12 June 1945
- 59. Investigation into psychological disorders in flying personnel.

 Assessment of temperament in connection with aircrew selection.

 Report on the psychiatric mothod employed.

 C. P. Symonds and Denis Williams

 Report, Comm. Flying Personnel Research FPRC 529 (0), July 1944
- 60. Investigation into psychological disorders in flying personnel.

 Section 1. A critical review of published literature.

 C. P. Symonds and Denis Williams

 FPRC report #412 (c) January, 1942
- 61, Investigation into psychological disorders in flying personnel.

 Section 2. Review of reports submitted to Air Ministry since outbreak of the war, April 1942.

 C. P. Symonds and Denis Williams

 FPRC report #412 (d) April, 1942
- 62. Investigation of certain aspects of color vision.

 J. L. Matthews

 War Dept., Air Forces, Randolph Field #168 (1) 4 Aug. 1943
- 63. Investigation of the interview as a technique for selecting aircraft pilots.

 J. W. Dunlap and M. J. Wantman

 Filed with: Div. Anthropology and Psychology, NRC Aug. 1944
- 64. Lectures on temperament and personality given as a guide to testing staff, South African Air Force. Lecture I: The diagnosis of temperament.

 S. Bieusheuvel
 FPRC Report #545 (d) June, 1943
- 65. Lecture III: Chief temperament qualities analysed and defined.

 S. Bieusheuvel

 FPRC Report #545 (F) June, 1943
- 66. Medical consideration of WASPS.

 N. O. Monserud

 War Dept., Air Forces, Misc. undated (rec'd NRC-CMR 14 April 1945)
- 67. Medical problems of the merchant ship fighter unit (M.S.F.U.).
 R. H. Winfield
 F.P.R.C. report #468 May 25, 1942
- 68. Memorandum on pre-selection tests.

 Bradford Hill.

 Report F.P.R.C. #385-a, Aug. 14, 1941.
- 69. Memorandum. L. Sensory motor co-ordination. 2. Oxygen administration apparatus.

 R. Douglas Wright.

 Australian file.

- 70. Method for reducing muscle action potentials to quantitative indices of tension for use in air crew classification tests.

 R. B. Loucks
 War Dept., Air Forces, Randolph Field #44 (1) 6 Oct. 1942
- 71. Modification of the Link automatic recorder for scoring performance on the Link trainer.

 R. C. Browne
 F.P.R.C. report #474
- 72. On the actual and potential value of biographical information as a means of predicting success in aeronautical training.

 H. M. Johnson et al

 Filed with: Div. Anthropology and Psychology, NRC August 1944
- 73. Orthoptic testing and training and flying failures. An analysis of results from No. 2 Initial Training School for courses 34 to 41.

 N. G. Traylen

 Report, Comm. Flying Personnel Research, FPRC, RAAF FR 88, undated (rec'd NRC-CMR 10 Nov. 1944)
- 74. Partial analysis of a three-man interview technique for predicting airplane pilot success in the civilian pilot training program.

 Hill, Russell and Wendt

 Div. Anthropology and Psychology, NRC July 1946
- 75. Personality, interest, and attitude inventories in the selection of civilian pilots.

 Thelma Hunt.

 Comm. Selection & Training Aircraft Pilots Prog. Report, Sept., 1940
- 76. Personality test to avoid guessing the "right" answers in the selection of pilots.
 R. J. Wherry.
 Gomm. Selection & Training Aircraft Pilots Prog. Report, Sept., 1940.
- 77. Physical examination of applicants for a pilot's license. Memorandum from Dr. Paul M. Denson. Appendix D. Filed with: Reports, Comm. Med. Problems of Civil Aviation 11 Aug. 1945
- 78. Pilot selection tests.

 Report Pre-selection Subcomm., F.P.R.C. #385, Aug. 20, 1941.
- 79. Pilot selection tests used in the South African Air Force. Questionnaire:
 Series I. (Aptitude Tests Section, South African Air Force Form 3)

 FPRC Report #545, Appendix A June, 1943
- 80. Pilot selection tests used in the South African Air Force. Questionnaire:
 Series II. (Aptitude Tests Section, South African Air Force.)
 FPRC report #545, Appendix B June, 1943

- 81. Pilot selection used in the South African Air Force.
 S. Bieusheuvel and J. Maxwell
 FPRC report #545 June, 1943
- 82. Prediction of flying ability from the electroencephalogram by the RCAF.
 R. E.Schroeder
 Report, School Aviation Med., Randolph Field October 24, 1942
- 83. Prediction of success in pilot training by a motor word association test.

 C. Shagass

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945,

 Appendix N
- 84. Predictive value of I.T.S. assessments and class standing.

 J. R. Brett

 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix D,

 Report #4
- 85. Preliminary experimental investigation of "Tension" as a determinant of performance in flight training.
 Williams, Macmillan and Jenkins
 Div. Anthropology and Psychology, NRC Jan. 1946
- 86. Preliminary report on the study of airsickness.

 Maj. P. A. Campbell

 CAM Report #74, August 31, 1942
- 88. Pre-selection tests in the R.A.F. . . F. C. Bartlett. F.P.R.C. report 429
- 89. Present status of the pilot aptitude test battery in the South African
 Air Force.

 S. Bieusheuvel
 FPRC Report #545 (b) June, 1943
- 90. Pre-validation study of pilot-selection test situations using the Canadian Link Tester.

 A. M. Williams and J. S. Brown
 War Dept., Air Forces, Randolph Field #356 (1) 21 Nov. 1945
- -1. Pre-validation study of pilo: selection test situations using the link trainer.

 J. S. Brown and Joseph Weitz

 War Dept., Air Forces, Randolph Field #340 (1) 24 Aug. 1945
- 92. Problem of pilot wastage.

 Report F.P.R.C. (orig.) #417, Jan. 13, 1942.

- 93. Problems in the selection of aviators.
 Eric Liljencrantz, U.S.N.
 F.P.R.C. report 443.
- 94. Procurement of electroencephalographic tracings on 1000 flying cadets for evaluating the Gibbs' technique in relation to flying ability.

 M. W. Thorner

 War Dept., Air Forces, Randolph Field #7 (1) 21 Sept. 1942
- 95. Progress report No. 2 electroencephalographic studies on R.C.A.F. air-crew.

 J. E. Goodwin

 FPRC report #413, Appendix F 6 Sept., 1941
- 96. Proposal scheme for the training, etc., of aircrews and medical officers on the effects of acceleration.

 Report, Comm. Flying Personnel Research, RAAF FR 53, undated (rec'd NRC-CMR 1 Aug. 1944)
- 97. Proposed revision of the neuropsychiatric standards of AR 40-110.

 I Muscle atrophy.

 M. W. Thorner

 War Dept., Air Forces, Randolph Field #150 (1) 16 Sept., 1943
- 98. Psychiatric examination of successful pilots.

 James Flind

 FPRC Report #529(R) June 1945
- 99. Psychophysiological studies: VI. The standard handwriting test, CEll4A, and its validity for pilot training.

 M. A. Wenger

 War Dept., Air Forces, Randolph Field #421 (1) 17 Sept. 1945
- Qualitative study of individual and group Rorschach records in relationship to subjects' performance at I.T.S., E.F.T.S. and S.F.T.S. G. M. Stephens

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945, Appendix U
- 101. R.A.F. pre-selection tests.

 Dept. of Psychology, Cambridge Univ.

 Report F.P.R.C. #328, undated.
- 102. R.A.F. pre-selection tests.

 Dept. of Psychology, Cambridge Univ.

 Report F.P.R.C.#329, June 28, 1941.
- 103. Recruitment, selection and training of sector controllers.

 F. C. Bartlett.

 Report F.P.R.C. #433, undated.
- 104. Relation between coordination exercises and flying ability.

 P. V. Karpovich
 War Dept., Randolph Field Report 86 (1), February 2, '43

- 105. Relation of broken homes to success in flying training (elementary schools).

 H. M. Turk
 War Dept., Air Forces, Randolph Field #203 (1) 17 Nov., 1943
- 106. Relation of the Schneider Index to success in Flying Training
 H. M. Turk
 War Dept., Air Forces, Randolph Field 190(1) 19 October 1943
- 107. Relations between pilot error and multiple aircraft accidents.

 George Hass
 War Dept., Air Forces, Randolph Field #153 (1) 30 July, 1943
- 108. Relationship between the electroencephalogram and flying ability.
 Thorner, Gibbs, and Gibbs.
 Report, F.P.R.C. #394.
- 109. Relationship of aniseikonia to flying performance in 175 ceased training pilots and 50 experienced pilots.

 Min. Exec. Assoc. Comm. Aviation Med. Research, NRCC 7/29/42,

 Appendix Q
- 110. Relationship of background and personality factors to pilot competency.

 E. L. Kelly.

 Comm. Selection & Training Aircraft Pilots Prog. Report, Sept., 1940
- 111. Reliability and value of thoracic and abdominal measurements in the physical examination for flying.

 Kossmann, Green and White
 War Dept., Air Forces, Randolph Field #243 (1) 15 Nov. 1945
- 112. Repeated low pressure chamber flights as an improved procedure for high altitude classification.
 H. S. Wigodsky
 CAM report #69 July 2, 1942
- 113. Report by Dr. Paul M. Denson regarding his visit to the Medical Division of the Civil Aeronautics Administration. Appendix E. Filed with: Reports, Comm. Med. Problems of Civil Aviation 8 Oct. 1945
- 114. Report from the Yale Aeromedical Research Unit,
 L. F. Nims and J.F. Fulton
 Filed with: Reports, Yale Aeromedical Research Group 6 June 1944
- 115. Report on aviation medicine activities in Canada and U.S.A.
 T. C. Macdonald.
 Report F.P.R.C. #398, undated
- 116. Report on C.A.A. national testing service. (Provious flight training and flight training preferences as related to pilot screening test scores).

 Comm. Selection and Training of Aircraft Pilots
 Filed with: Div. Anthropology and Psychology, NRC May, 1944
- 117. Report on correlation between swing-sickness and air-sickness.

 A. B. Hill
 Report, Comm. Airborne Troops, MRC HPC 42/57/ABT 8, June 5, 1942

- 118. Report on flicker-fusion apparatus (electronic oscilloscope) as a test of "altitude tolerance".

 Med. Research Div., U. S. Naval Air Station, Pensacola
 CAM report #90 November 10, 1942
- 119. Report on personnel selection, R.A.F. and R.C.A.F.

 E. A. Bott

 Miscellaneous Canadian Aviation Report #127 November. 1941
- 120. Report on the Boston-Midwest project. (Promising techniques for the selection of pilots).

 Div. Anthropology and Psychology, NRC Nov. 1945
- 121. Report on the selection work of the Air Crew Allocation Centre and of the Personnel Centres (Refresher) for returned R.A.F. prisoners or war.

 R. B. Buzzard

 FPRC Report #662 May 1946
- 122. Restricted category personnel recategorised after orthoptic treatment (first report).

 N. G. Traylen
 Report, No. 1 Flying Personnel Research Unit, FPRC, RAAF FR 110, undated (rec'd NRC-CMR 1 June 1945)
- 123. Resume crash injury program, (Activities, Major R. T. Crane.) OHMcmr-121.

 J. C. Hinsey et al

 Special CAM Report 9 July 1945
- 124. Reviews of physical standards for airmen. Appendix C.
 Filed with: Reports, Comm. Med. Problems of Civil Aviation undated (rec'd NRC-CMR 22 Aug. 1946)
- 125. Revised serial reaction time apparatus for use in appraised flying aptitude.

 R. A. McFarland and R. C. Channell

 Filed with: Div. Anthropology and Psychology, NRC Sept. 1944
- 126. Revised two-hand coordination test.

 R. A. McFarland and R. C. Channell

 Div. Anthropology and Psychology, NRC Oct. 1944
- 127. Russian manual of the method of examination for flying duties. F.P.R.C. report 392h
- 128. S.A.M. model of the hand pressure modification of the S.A.M. complex coordination test (CElO4B).

 Joseph Weitz

 War Dept., Air Forces, Randolph Field, #263 (1) 4 May 1944
- 129. S.A.M. rotary pursuit test for the classification of aviation cadets:

 I. Apparatus and precedures.

 J. S. Brown and A. W. Melton

 War Dept., Air Forces, Randolph Field #125 (1) 1 March 1943

- 330. S.A.M. rotary runsuit test, model B with and without the divided attention attachment.

 Brown, Melton and Buel
 War Dept., Air Forces, Randolph Field #350 (1) 5 Feb. 1946
- 131. S.A.M. single dimension pursuit test, models A, B, C, D, and E (CM801B-1, B-2, B-3, B-4, and B-5).

 J. S. Brown
 War Dept., Air Forces, Randolph Field, Project 42, report #1 29 June 1944
- 132. S.A.M. two-hand coordination test for the classification of aviation cadets: I. Apparatus and procedures.

 Jack Buel and A. W. Melton

 War Dept., Air Forces, Randolph Field #124 (1) 11 March 1943
- 133. S.A.M. two-hand pursuit test, model B (CM810B).

 J. S. Brown
 War Dept., Air Forces, Randolph Field #271 (1) 28 July 1945
- 134. Scoring method and normal varieties of performance.
 R. C. Browne.
 Report F. P. R. C. #279, Apr. 4, '41.
- 135. Sensitivity of peripheral vision in relation to skill in landing an airplane.

 M. A. Tinker and W. S. Carlson
 Filed with: Div. Anthropology & Psychology, NRC April, 1943
- 136. Size of pilots of Halifax aircraft.
 G. O. Williams and G. M. Morant
 FPRC #617 May 1945
- 137. Skid-slip recorder for assessing the proficiency of students pilots
 during routine check rides.
 R. B. Loucks
 War Dept., Air Forces, Randolph Field #347(1) 23 Dec. 1944
- 138. SMA3 test and ability to learn to fly.

 A. B. Hill and G. O. Williams

 Report, Comm. Flying Personnel Research FPRC 574, March 1944
- 139. Some limitations of the electrocardiogram in the physical examination for flying.

 C. E. Kossmann

 War Dept., Air Forces, Randolph Field #8 (1) 15 Feb. 1942
- 140. Standardisation of pressure chamber descent procedure for classification of descent ear tolerance of flying personnel. P. A. Campbell F.P.R.C. report $\frac{n}{n}$ 459

- 141. Statistical comparison of the findings of the self balancing test with E.F.T.S. pilot training.
 C. F. Burt et al
 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix D, Report #6
- 142. Study of "fatigue" in relation to steroid hormone and urine volume output. Progress report.

 Gregory Pincus and Hudson Hoagland
 Special CAM Report undated (rec'd NRC-CMR 21 Mar. 1946)
- 143. Study of individual differences among flight instructors in making spot landings.

 Walker, Bennett and Ewart

 Div. Anthropology and Psychology, NRC Feb. 1946
- 144. Study of pilot prediction accuracy at the E.F.T.S. level of various I.T.S. selection procedures.

 B. F. Crocker

 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix D, Report #3
- 145. Study of reasons for suspension from training.

 Bradford Hill.

 Report F.P.R.C. #385-e, Oct. 27, 1941.
- 146. Study of some factors in the causation of flying stress.

 D. D. Reid

 F. P. C. report #450
- 147. Study of some pre-selection assessments in relation to elementary flying schools gradings entered on form 1499-B.

 Bradford Hill.

 Report F.P.R.C. #385-c, Nov. 20, 1941.
- 148. Study of some statistical data relating SMA3. Bradford Hill.

 Report F.P.R.C. #385-d, undated.
- 149. Study of the relation between Minnesota multiphasic personality inventory scores and "pilot error" in aircraft accidents.

 W. D. O'Gorman and E. C. Kunkle
 War Dept., Air Forces, Randolph Field #477 (1) 18 June 1946
- 151. Study of visual and cardiovascular standards in relation to success in flight training.

 Div. Anthropology and Psychology, NRC May 1946

- 152. Supplemental agreement (contract Cca-23935). National Research Council to study medical problems in civil aviation medicine. Appendix A. Filed with: Reports, Comm, Med. Problems of Civil Aviation 27 March 1945
- 153. Suspensions at Elementary Flying Training Schools: Frequency of faults. Psychology Lab., Cambridge. Report F.P.R.C. #357, Sept. 16, 1941.
- 154. Swing Sickness and a history of motion sickness, (second report).

 Brown, Brett, and Howlett

 Proc. Assoc. Comm. Aviation Med. Research 22 July 1943, Appendix F,

 Report #1
- 155. Symptoms experienced during repeated low pressure chamber flights, and their significance for high altitude classification.

 J. S. Gray
 CAM report #71 July 1, 1942
- 156. Tests for radio operators.

 G. C. Drew.

 Report F.P.R.C #336, July 22, 1941.
- 157. Tests for the sensitivity of peripheral vision.

 M. A. Tinker

 Comm. Selection & Training Aircraft Pilots. Report, Jan. 1941
- 158. Tests of kinesthetic sensitivity in the selection of pilots.

 W. L. Lepley.

 Comm. Selection & Training Aircraft Pilots. Prog. Report, Sept. 1940
- 159. Use of automatic recording in analyzing the process of learning to fly.
 W. N. Kellogg.
 Comm. Selection & Training Aircraft Pilots Prog. Report, Sept. 1940
- 160. Validation of the bomber pilot temperament assessment experiment,
 D. D. Reid
 FPRC Report #529(u) July 1946
- 161. Validation study of the Hoagland-Werthessen Target Meter (S.A.M. Electronic Pilot Pursuit Test, CM 815A)

 J. S. Brown
 War Dept., Air Forces, Randolph Field #270 (1) 17 Oct. 1945
- 162. Validity of fighter-bomber pre-selection tests.

 Mins., Psychological Subcomm., Comm. Psychologists and Psychiatrists

 --PP(SC)(43) 6th meeting, 19 Feb., 1943
- 163. Validity of psycho-motor test battery. S. Bieusheuvel FPRC Report #545 (c) - July, 1943

Pilot Selection

- 164. Validity of smoothness of control measurements obtained during performance of the S.A.M. Two-Hand Coordination Test as a basis for selection of aircrew candidates.

 R. B. Loucks
 War Dept., Air Forces, Randolph Field #45 (3) 28 Feb. 1944
- 165. Value of the word association test in predicting success in pilot training.

 C. Shagass

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945,

 Appendix K
- 166. Visit to No. 2 Rombing Gunnery School, Millom.
 G. C. Drew. Recommendations for improvement in training.
 Report F.P.R.C. #329, June 28, 1941.
- 167. Visual factors in aircrew selection. Special study No. 6B. The relationship of the ocular findings in the aircrew medical examination to success in pilot and navigator training.

 C. Shagass and P. A. Christie

 Proc. Assoc. Gomm. Aviation Med. Research, NRCC 4 April 1945,

 Appendix T

LI. POSTURE

- 1. Circulatory effects of the head-down position (negative G) in normal man, and measures designed to counteract them. Final report, OEMcmr-143.
 Wilkins, Bradley and Friedland.
 Special CAM Report 8 May 1946.
- Effects of abrupt deceleration on the electro-cardiogram (Lead II) in the cat in the supine position.
 H. D. Kingsley and R. F. Rushmer.
 War Dept., Air Forces, Randolph Field No. 459 (1) 21 Jan. 1946.
- Human body size in military aircraft and personal equipment.
 F. E. Randall et al.
 War Dept., Air Forces, Misc. 10 June 1946.
- 4. Investigation into effect of reclining posture on ability to withstand high 'g'. Note on exp. in battle.

 W. K. Stewart.

 Reports F.P.R.C. No. 212, 212A, Dec. 1940.
- 5. Man's ability to withstand transverse acceleration when in the sitting position (preliminary report).
 Lambert, Wood and Baldes.
 CALI Report No. 418 7 March 1945.
- 6. Motion sickness and physiological problems peculiar to parachutists and other airborne troops. Final report, OMMcmr-282.
 D. B. Tyler.
 Filed with: Reports, Comm. Motion Sickness 21 May 1946.
- Note on prone position in aircraft.
 C. E. Kerr, W. K. Stowart, and J. R. Tobin.
 FPRC report No. 500.
- Notes on obtaining comfort in the prone position when forward vision is maintained for prolonged periods. Interim report, OEMcmr-288.
 J. P. Henry et al.
 Special CAM Report 22 Jan. 1946.
- 9. Protection against the effects of acceleration afforded the human by assumption of the prone position. OEMcmr-129.

 E. J. Blades et al (W. Boothby).

 CAM Report No. 158, 10 July, 1942.
- 10. Report on progress of investigation of cardio-vascular response to posture using air plethysmography of both lower limbs and simultaneous electro-encephalography and electrocardiography.
 H. V. Rice and T. Feldsted.
 Proc. Assoc. Comm. Army Med. Research, NRCC 7-8 Dec. 1945, Vol. 6, Appendix C.

Posture

- 11. Speed in aerial warfare and physiologic reaction time. Translation. Hubertus Strughold.

 War Dept., Air Forces, TSHAA-660-99, 28 Feb. 1946, Appendix A.
- 12. Studies on flying in the prone position. Interim report, OEMcmr-288.

 W. G. Clark et al.

 CAL Report No. 466 20 Aug. 1945.
- Study of the relation of posture to the cardiovascular system and volume of the lower extremities.
 H. V. Rice and E. T. Feldsted.
 Proc. Assoc. Comm. <u>Army Med. Research</u>, NRCC 7-8 Dec. 1945, Vol. 6, Appendix B.
- Study of the vascular responses to changes in posture. Progress report.
 H. V. Rice.
 Proc. Assoc. Comm. Army Med. Research, NRCC 7-8 Dec. 1945, Vol. 6. Appendix D.
- 15. Summary of German aviation medical research.

 W. R. Lovelace and V. J. Wulff.

 War Dept., Air Forces, TSEAA-660-99, 28 Feb. 1946.

1.0 ...

LII. PRESSURE BREATHING

- Altitude tolerance when breathing oxygen and when breathing oxygen supplied under positive pressure.
 R. L. Wasland.
 War Dept., Air Forces, Randolph Field No. 213 (1) 21 Aug. 1944.
- 2. Apparatus for the automatic recording of respiratory and ventilation rates of crew in large aircraft.
 M. E. Worthington.
 FPRC Report No. 616 May, 1945.
- Z. Appraisal of intermittent pressure breathing as a method of increasing altitude tolerance. OEMcmr-47.
 A. L. Barach et al.
 CAM Report No. 299 14 Nov. 1944.
- 4. Arterial blood studies at altitudes up to 50,000 feet, breathing under positive pressure in the positive pressure jacket.

 Power, Taylor, and Marbarger.

 War Dept., Air Forces, Misc. Mayo Aero Med. Unit, Series A, Report No. 4 e, 11 Mar. 1943.
- 5. Conference on pressure breathing.
 Misc. Canadian Report No. 122 20 Oct. 1943.
- Development of a positive pressure jacket for use during positive pressure breathing.
 C. B. Taylor and J. P. Marbarger.
 War Dept., Air Forces, Misc. Mayo Aero Med. Unit, Series A, Report No. 4, 1 Feb. 1943.
- 7. Effect of breathing against 30-35 mm. Hg. on the cardiac output. Erickson, Marbarger, and Taylor.

 War Dept., Air Forces, Misc. Mayo Aero med. Unit, Series A Report No. 4 c. 24 Feb. 1943.
- 8. Effect of continuous and of intermittent pressure breathing on kidney function. OEMcmr-288.
 D. R. Drury et al.
 CAM Report No. 501 27 Dec. 1945.
- 9. Effect of deliberate hyperventilation on the incidence of "intolerable" cases of bends and chokes.

 Burkhardt, Thometz and Ivy.

 CALL Report No. 438 June. 1945.
- 10. Effect of positive pressure breathing at sea level on peripheral blood flow and cardiac output.

 W. L. Bloom et al.

 CAM Report No. 245 Jan. 1944.
- Effect of positive pressure breathing on the appearance of the retinal vessels and on the intraocular pressure in man.
 C. B. Taylor and J. P. Marbarger.
 War Dept., Air Forces, Misc. Mayo Aero Med. Unit, Series A Report No. 4 b, 17 Feb. 1943.

- 12. Effect of positive pressure breathing on the arterial blood pressure and the cerebro-spinal fluid pressure in the dog.
 J. P. Marbarger and C. B. Taylor.
 War Dept., Air Forces, Misc. Mayo Aero Med. Unit, Series A Report No. 4 a. 9 Feb. 1943.
- 13. Effect of positive pressure breathing upon the blood and cardiovascular system.
 S. C. F. Mahady
 War Dept., Air Forces, Randolph Field No. 253 (1) 3 Apr. 1944.
- 14. Effect of pressure breathing on decompression sickness under different altitude conditions. Interim report, OEMcmr-36.
 J. P. Webb et al (E. B. Ferris).
 CAM Report No. 385 30 Oct. 1944.
- 15. Effect of pressure breathing on the occurence of decompression sickness. Interim report, OELcmr-28.

 Chester Hyman and Nancy North.

 CAL Report No. 470 19 Sept. 1945.
- 16. Effect of pressure breathing upon the skin temperatures of the extremities. Interim report, OEMcmr-129.
 J. B. Bateman and Charles Sheard (W. M. Boothby).
 CAM Report No. 428 2 May, 1945.
- 17. Effect of the elastic vest on the descent and collapse rate of aviation students breathing eight inches of water positive pressure at 38,000 feet.
 C. B. Taylor.
 War Dept., Air Forces, Randolph Field No. 302 (2) 28 August, 1944.
- 18. Effect on dogs of repeated exposures to pressure breathing and high altitude.
 C. B. Taylor and G. M. Hass.
 War Dept., Air Forces, Randolph Field No. 174 (1) 25 Aug. 1944.
- 19. Effects of exercise with positive pressure breathing and anoxia.

 A. L. Barach et al.

 CAM Report No. 293 31 March, 1944.
- 20. Effects of positive pressure respiration at a simulated altitude of 45,000 feet. Report, OEMcmr-47.

 A. L. Barach et al.

 CAM Report No. 199 2 September 1943.
- 21. Effects of pressure breathing on decompression sickness and circulatory reaction in cadets.
 J. S. Gray.
 War Dept., Air Forces, Randolph Field No. 248 (1) 15 Mar. 1944.
- 22. Elastic vest to be used with pressure breathing equipment.

 C. B. Taylor.

 War Dept., Air Forces, Randolph Field No. 302 (1) 28 Aug. 1944.

- 23. Estimations of the decrease in effective blood volume when pressure breathing at sea level. Interim report, OEMcmr-288.

 J. P. Henry et al.

 CAM Report No. 452 11 July, 1945.
- 24. Evaluation of the altitude pressure bag. (TED No. UNL 2546).

 B. G. King and P. H. Futcher.

 Naval Med. Research Inst., Project X-303, 22 March 1944.
- 25. Evaluation of the emergency breathing procedure (voluntary pressure breathing).

 B. G. King et al.

 Navl Med. Research Inst. Project X-291(1), 30 June 1944.
- 26. High altitude positive pressure oxygen equipment.

 Grodins, Adler, and Burkhardt.

 Special CAM Report undated.

The state of the s

- 27. Impressions of Canadian Conference on Pressurized Breathing, held at Toronto, October 20-21, 1943.

 C. F. Schmidt.

 Misc. Canadian Report No. 122 20 Oct. 1943, Appendix.
- 28. Incidence of symptoms of "bends and chokes" at 47,500 feet for one hour without exercise with intermittent pressure breathing.

 Final report, OEMcmr-341.

 A. C. Ivy et al. (1)

 CAM Report No. 370 6 Oct. 1944.
- 29. Increase in blood oxygen saturation obtained at high altitude by breathing 100% oxygen under positive pressure.
 R. L. Masland and S. C. F. Mahady.
 War Dept., Air Forces, Randolph Field No. 309 (1) 8 Aug. 1944.
- 30. Intermittent positive pressure breathing and treatment of pulmonary edema resulting from exposure to gaseous lung irritants, such as phospene.

 A. M. Cahan.

 War Dept., Air Forces, ENG-49-660-49-F, 19 Nov. 1943.
- 71. Interrogation of combat veterans.
 N. E. Collias and W. H. Bachrach.
 War Dept., Air Forces, TSELA-1-697-15, 17 May 1945.
- 32. Leaflet for medical officers on pressure breathing oxygen equipment. FPRC Report No. 628, Appendix II Aug. 1944.
- 33. Mechanical leakage tester for pressure breathing equipment.

 J. T. Bonner.

 War Dept., Air Forces, Eng-49-696-7H, 21 Feb. 1944.
- 34. Oxygen economy with pressure-breathing equipment. Wilson, Finkel, and Jordan.

 War Dept., Air Forces, ENG-49-696-42D, 5 June, 1944.

- 25. Personnel equipment problems in ETOUSA and NATOUSA. Appendix 11:
 Pressure breathing.
 A. P. Gagge.
 War Dept., Air Forces, ENG-49-695-24, 20 Sept. 1943.
- 26. Physiological effects of high negative mask pressures during a simulated free-fall. Report No. 2.
 H. G. Swann.
 War Dept. Air Forces. TSELA 3-696-68A. 8 March 1945.
- Physiological effects of pressure breathing.W. O. Fenn et al.CAM report No. 111, January, 1947.
- 28. Physiology of pressure breathing: A brief review of its present status.

 OEMcmr-47.

 A. L. Barach et al.

 CAM Report No. 494 Sept. 1945.
- 39. Physiology of pressure breathing. Final report, OEMcmr-147.
 Otis, Rahn and Fenn.
 Special CAM Report 16 Aug. 1946.
- 40. Physiology of pressure breathing. Fourth report, OELemr-147.

 Hermann Rahn et al.

 Filed with: Reports, Comm. Oxygen and Anoxia 10 May 1945.
- 41. Physiology of pressure breathing. Second report, Officmr-147. Chadwick, Fenn, Otis, and Rahn.

 CAM Report No. 249 1 Dec. 1943.
- 42. Pressure breathing.

 Nar Dept., Air Forces, PIF undated (rec'd MRC-CMR 5 Feb. 1945).
- 43. Pressure breathing.
 D. I. Patt and S. C. Allen.
 War Dept., Air Forces, ENG-49-696-1P, 29 Oct., 1943.
- 44. Pressure breathing.

 J. P. Marbarger.

 War Dept., Air Forces, ENG-49-695-1M, 22 July, 1942.
- 45. Pressure breathing.

 Lovelace, Gagge, and Molomut.

 War Dept., Air Corps, Materiel Center EXP-M-49-695-1E,

 December 10, 1942.
- 46. Pressure breathing.

 Marbarger, Patt and Russell

 War Dept., Air Forces, ENG-49-695-1-7, 31 May 1944.
- 47. Pressure breathing.

 Norman Molomut

 War Dept., Air Corps, Materiel Div. EXP-M-49-695-1C,

 November 16, 1942.

- 48. Pressure breathing.
 Norman Molomut.
 War Dept., Air Forces, ENG-M-49-695-1F, January 22, 1947.
- 49. Pressure breathing.
 S. C. Allen.
 War Dept., Air Forces, ENG-M-49-695-1G, March 16, 1943.
- 50. Pressure breathing.
 S. C. Allen.
 War Dept., Air Forces, ENG-49-695-1-1, 29 May, 1943.
- 51. Pressure breathing conference.
 S. C. Allen.
 War Dept., Air Forces, TSELA-3-695-1GG, 21 Feb. 1945.
- 52. Pressure breathing. (Conference held at Materiel Command, April 8, 9, 10, 1943).
 S. C. Allen.
 War Dept., Air Forces, ENG-49-695-1H, April 26, 1943.
- 53. Pressure breathing. Indoctrination.

 Gagge, Robinson, and Allen.

 War Dept., Air Forces, ENG-49-695-1-Q. 15 Nov.. 1943.
- 54. Pressure breathing of air at simulated high altitude.

 A. R. Behnke et al.

 Naval Med. Research Inst. Project X-116, Prel. rep. No. 2, 14 June, 1943.
- 55. Pressure breathing of ambient air at altitudes without aid of a special device. Gemmill, Lilienthal and Riley. Navy Dept., Naval Air Train. Center, Pensacola, Fla. - Project X-198 (Av-R5-2), report No. 1 (preliminary), 20 Oct. 1943.
- 56. Pressure breathing without the aid of a special device: circulatory measurements and an evaluation of the method for service use.

 J. L. Lilienthal and R. L. Riley.

 Navy Dept., Naval Air Train. Center, Pensacola, Fla. Project X-198 (AV-R5-2), report No. 2 (final), 10 Dec. 1943.
- 57. Progress on arterial puncture studies at altitude breathing against positive pressure jacket.
 Taylor and Marbarger.
 War Dept., Air Forces, Misc. Mayo Aero Med. Unit, Series A Report No. 4 d, 3 Mar. 1943.
- 58. Progress on positive pressure jacket work.

 C. B. Taylor and J. P. Marbarger.

 War Dept., Air Ferces, Misc. Mayo Aero Med. Unit, Series A
 Report No. 4 f, 20 Mar. 1943.

- 59. Protocols of experiments on pressure breathing at 47,500 ft. or above for one hour using pneumalator General Electric X-Ray Corporation, submitted by H. J. Holmquest and A. J. Kizaur as tested physiologically for high altitudes.

 H. F. Adler et al.

 Special CAM Report 22 Jan. 1943 5 Feb. 1944.
- 60. Psychomotor performance and arterial oxygen saturation during positive pressure breathing in an altitude chamber. OEMcmr-28.

 Larrabee, Hodes, and Pappenheimer.

 CAM Report No. 342 15 Aug. 1944.
- 61. R. A. E. instruction leaflet no. Inst. 417 on pressure bre-thing equipment. Instructions for aircrew.

 FPRC Report No. 628, Appendix III August 1944.
- 62. R. A. E. Instruction Leaflet No. Inst. 425. Pressure breathing equipment; instructions for modification of aircraft oxygen equipment.

 FPRC Report No. 628, Appendix I May 1944.
- 67. Reduction of alveolar carbon dioxide pressure during pressure breathing and its relation to hyperventilation, together with a new method of representing the effects of hyperventilation.

 OHMCmr-129.

 J. B. Bateman (W. M. Boothby).

 CAM Report No. 381 Sept. 1944.
- 64. Report of meeting of Subcommittee on Oxygen Equipment. Manual, demand valve C3B, rubber substitutes for masks, pressure breathing. Proc. Exec., Assoc. Comm. Aviation Med. Research October 21, 1942, Appendix A.
- 65. Report of studies made under contract OELcmr-47, June 12, 1943June 12, 1944. Final report, OELcmr-47.

 A. L. Barach.

 Special CAM Report Undated (rec'd NRC-CAR 24 July 1944).
- 66. Report on the work of the Subcommittee on Protective Clothing,
 Associate Committee on Aviation Medical Research, National
 Research Council, Canada, for the year April 1st, 1944 to
 March 31st, 1945.
 G. E. Hall and J. A. Kitching.
 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945,
 Appendix B.
- 67. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.

 H. E. Whittingham.

 FPRC Report No. 651 5 Mar. 1946.
- 68. Resuscitation and positive pressure breathing.

 A. M. Cahan.

 War Dept., Air Forces, ENG-49-660-1, 20 July 1943.

- 69. Resuscitator and intermittent positive pressure breathing device developed by the Aero Medical Laboratory.

 A. M. Cahan.

 War Dept., Air Forces, ENG-49-660-49-D, 9 Aug., 1942.
- 70. Service test of pressure breathing equipment for 315th Bomb Wing (VH).
 S. C. Allen.
 War Dept., Air Forces, TSELA-3-695-1HH. 6 Aug. 1945.
- 71. Studies at altitude with an intermittent pressure breathing device (Bennett valve). Interim report, OHMcmr-288.

 D. R. Drury.

 CAM Report No. 392 1 Dec. 1944.
- 72. Studies of positive pressure breathing. Subjective, clinical and psychological effects of breathing 100% oxygen at a pressure of 15 mm. Hg at a simulated altitude at 42,300 feet (126 mg. Hg.).

 A. L. Barach et al.

 CAN Report No. 280 14 Feb. 1944.
- 73. Studies on positive pressure respiration at sea level and at various simulated altitudes. Special report, OHMcmr-47.

 A. L. Barach et al.

 CAM report No. 150 June 1943.
- 74. Study of cerebral physiology at high altitudes.

 M. W. Thorner.

 War Dept., Air Forces, Randolph Field No. 60 (1) 1 March 1943.
- 75. Study of hyperventilation as a means of gaining altitude. Pts. I and II.
 L. E. Chadwick et al.
 Cast Report No. 304 22 May 1944.
- 76. Study of hyperventilation as a means of gaining altitude.
 (Parts III-VII). Interim report, OEMcmr-147.
 W. O. Fenn et al.
 CAM Report No. 410 Jan. 1945.
- 77. Theory for safety pressure. OHMcmr-26. G. A. Millkan and J. R. Pappenheimer. CAM Report No. 419 - March 1945.
- 78. Trials of pressure breathing apparatus at a simulated altitude of 45,000 feet.

 W. C. Gibson and H. W. Smith.

 Hisc. Canadian Aviation Report No. 132 16 July 1943.
- 79. Value of carbon dioxide in intermittent pressure breathing.
 Kaufman, Nims, Nyboer, and Somberg.
 CAM Report No. 321 June 1944.

80. Voluntary pressure breathing of ambient atmosphere as a means of increasing the oxygen saturation of the blood.

B. Commoner.

Navy Dept., Bur. Med. & Surg. - Project X-198 (Av-R5-2).

19 Oct., 1943.

LIII. PRESSURE CABINS

- 1. Altitude conditioning of aircraft babins,
 M. B. Cooper
 FPRC report #244
- 2. Aviation medicine and physiology.
 R. H. Winfield
 War Dept., Combined Intelligence Objectives Subcomm. Report #99,
 8 Jan. 1945
- 3. Cabin pressurization. (Diagram)
 Navy Dept., Bur. Aeronautics 22 Jan. 1946
- Evaluation of targets investigated and summary of information obtained pertaining to research in aviation medicine for the German Air Force.
 W. R. Lovelace and V. J. Dulff
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 4 Aug. 1945
- 5. Firing tests on pressurized airplanes.
 H. M. Sweeney
 War Dept., Air Forces, Eng-49-426-40, 10 Dec., 1943
- 6. Memorandum on physiological aspects of pressure cabin development with particular reference to whether pressures of 7-9 lb./sq.in. or 2½-3 lb./sq.in. are desirable, R.A.F. Physiol. Lab. Report FPRC #402 (WAM103-10) Nov. 25, 1941
- 7. Interrogation of Messerschmitt personnel on hydraulic systems and pressure cabins. (Extract)
 War Dept., Combined Intelligence Objectives Subcomm., Evaluation Report #94 13 June 1945
- 8. Miscellaneous aviation medical matters.
 Leo Alexander
 War Dept., Combined Intelligence Objectives Report #88 undated
 (rec'd NRC-CMR 18 Mar. 1946)
- 9. Personnel equipment problems in ETOUSA and NATOUSA. Appendix 10:
 Pressure cabin operations in the United Kingdom.
 A. P. Gagge
 War Dept., Air Forces, ENG-49-695-34, 20 Sept. 1943
- 10. Physiological considerations on the choice of pressures for pressure cabin military aircraft.
 H. L. Roxburgh
 FPRC Report #402(a) 9 Jan. 1945

Pressure Cabins

- 12. Position in April, 1942, of certain flying equipment. Oxygen equipment, helmets, pressure cabin aircraft, thermometers. FPRC report #423-b
- 13. Preliminary report of points of interest in aviation medicine and physiology in Belgium and France.
 R. H. Winfield
 War Dept., Combined Intelligence Objectives Subcomm. Report #8 8 Jan. 1945
- 14. Pressurization, ventilation and heating requirements for military and passenger type aircraft.
 War Dept., Air Forces, TSELA-3-697-11, 28 Feb. 1945, Appendix L
- 15. Pressurized cabins for German high-altitude aircraft.

 War Dept., U. S. Strat. Air Forces in Europe, Med. Intell. Bull. #22 7 Jan. 1945
- 16. Progress of aviation medicine in the Royal Air Force and its application to the problems of civil aviation.
 H. E. Whittingham
 FPRC Report #667 13 July 1946
- 17. Ventilation rate of sealed aircraft cabins.

 K. E. Penrod

 War Dept., Air Forces, Eng-49-696-42B, 24 Dec., 1943
- 18. Ventilation rate of sealed aircraft cabins.

 M. Tribus

 War Dept., Air Forces, ENG-54-664,143S, 12 June 1944
- 19. Your body in flight.
 War Dept., Air Forces, Misc. 30 Sept. 1944

LIV. PRESSURE SUIT

- 1. Addendum to Wing Commander Greig's report on tests with "special flying suit" carried out between June 1st and June 5th, 1940, using Spitfire L 1090.

 W. R. Franks

 Misc. Canadian Aviation Report #10 8 June, 1940
- 2. Aero-medical exploitation, Germany 1945.
 W. F. Sheeley
 War Dept., Air Forces, Misc. 1 Feb. 1945 to 15 Oct. 1945
 - 3. Altitude pressure suit.
 W. F. Dawbarn
 War Dept., Air Forces, ENG-49-660-11-C-1, 11 Oct., 1943
 - 4. Altitude tests of the partial pressure suit.

 James Henry and J. D. Chatham

 War Dept., Air Forces, TSEAA-660-100-A, 20 June 1946
 - 5. Analytic studies of pressure transmission factors in anti-g suits.

 (Air gradient suit)

 Herrington, Lamport and Hoff

 CAM Report #129 December 10, 1942
 - 6. Anti-blackout equipment test of report on.
 T. Ferwerda
 Filed with: Naval Air Station, Anacostia, D. C., 27 April 1942
 - 7. Anti "g" flying suits comparative tests of Clark and Berger models.
 P. F. Scholander
 War Dept., Army Air Forces Board 8 Nov. 1944, Report #5
 - 8. Automatic inflation devices for testing anti-G suits.
 Morris Stadd
 War Dept., Air Forces, TSEAA-696-96, 14 Nov. 1945
 - 9. Aviation medical problems in the European and Mediterranean theatres of operation.
 W. R. Lovelace, II
 War Dept., Air Forces, TSELA5B-697-8, 1 Nov. 1944
- 10. Black-out work. University of Sydney. Cotton anti-'g' suit.
 Min. RAAF FPRC July 16, 1942, pp. 3-4
 FPRC report #358-k (British File)
 - 11. Body sizes of pursuit pilots.
 R. S. Benton (F. P. Randall)
 War Dept., Air Forces, ENG-49-695-32B, 20 Sept., 1943
 - 12. Case of sudden swelling of the hands at 58,000 ft. simulated altitude. Interim report, OEMcmr-288.

 J. P. Henry et al (D. R. Drury)

 CAM Report #393 1 Dec. 1944

- 13. Centrifuge test of the pneumatic lever anti-g suit. OEMcmr-199.
 Harold Lamport and L. P. Herrington
 CAM Report #368 14 June 1944
- 14. Comfort and accleration protection on the centrifuge of the L-12
 Pneumatic Lever anti-black-out suit. Interim report, OEMcmr-199.
 Lamport, Clark and Herrington
 CAM Report #483 1 May 1945
- 15. Comparison of protection against the effects of positive acceleration afforded by the standart gradient pressure suit (G.P.S.) and a simplified single pressure suit.

 Lambert, Wood, Baldes, and Code
 CAM Report #308 27 May 1944
- 16. Comparison of the protective value of an anti-blackout suit on subjects in an X-24 airplane and on the Mayo centrifuge. Interim report, OEMcmr-129.
 E. H. Lambert (W. M. Boothby)
 War Dept., Air Forces, Misc. Mayo Aero Unit, Ser. B, #2 Oct. 1945
- 17. Conference and tests at the centrifuge of the Mayo Aero Medical Unit.

 (Air gradient and hydrostatic suits)

 G. L. Maison

 War Dept., Air Forces, ENG-M-49-660-11Y, April 24, 1943
- 18. Demonstration of anti-blackout suit.
 War Dept., Air Forces, TSELA-3-697-11, 28 Feb. 1945, Appendix M
- 19. Design for automatic control on high altitude pressure suits.
 H. L. Burns
 War Dept., Air Forces, TSELA-3-660-65-F, 15 June 1945
- 20. Determination of the effect of time of inflation on the G protection gained from the Clark G-4 suit. Interim report, OEMcmr-288.

 J. P. Henry et al (D. R. Drury)

 CAM Report #398 1 Dec. 1944
- 21. Determination of the most satisfactory single constant pressure with which to inflate the standard Gradient Pressure Suit.

 Clark, Henry and Drury

 CAM Report #366 1 Sept. 1944
- 22. Development of sub-stratosphere pressure suits in the German Air Force.

 V. J. Wulff and W. R. Lovelace
 War Dept., Air Forces, TSELA-3-660-48-M, 11 Aug. 1945
- 23. Devices for protecting pilots from the effects of high acceleration with particular reference to trials of the Franks suit.

 R.A.F. Physiological Lab.

 FPRC report #498, November 20, 1942

- 24. Drägerwerk, Lubeck, Germany. (Translation)
 W. R. Lovelace et al
 War Dept., Combined Intelligence Objectives Subcomm. Report #85 13 May 1945
- 25. Effect of simulated altitude on the performance of the B-2 and B-3 instrument pump. OEMcmr-129.
 E. H. Wood
 CAM Report #462 26 May 1945
- 26. Effect of the type of oil separator used on the effective output of the B-2 instrument pump at simulated altitudes. OEMcmr-129. Wood, Haglund and Engstrom
 CAM Report #461 15 May 1945
- 27. Emergency pressure suit.

 J. W. Wilson
 War Dept., Air Forces, TSEAA-660-100, 5 May 1946
- 28. Environmental temperature and the cardiovascular effects of inflating a pneumatic suit (GPS). Final report, OEMcmr-339.

 H. W. Davenport (E.M. Landis)

 CAM Report #362 31 July 1944
- 29. Evaluation of anti-'g' suits. Report no. 1.
 G. L. Maison and C. A. Maaske
 War Dept., Air Forces, ENG-49-696-51A, 29 Sept., 1943
- 30. Evaluation of anti-g suits. Report No. 2
 G. A. Hallenbeck
 War Dept., Air Forces, Eng-49-696-51B, 12 Dec. 1943
- 31. Evaluation of anti-g suits. Report no. 3.
 G. L. Maison
 War Dept., Air Forces, ENG-49-696-51C, 18 April 1944
- 32. Evaluation of anti-g suits. Report no. 4.

 Maaske, Hallenbeck and Martin
 War Dept., Air Forces, ENG-49-696-51D, 10 June 1944
- 33. Evaluation of anti-g suits, report #6.

 C. A. Maaske et al

 War Dept., Air Forces, TSEAL3-696-51F, 16 Nov. 1944
- 34. Evaluation of means for reducing pilot fatigue during long fighter missions anti-"g" suit.

 Irving, Scholander and Cook
 War Dept., Army Air Forces Board Report #6 7 Dec. 1944
- 35. Evaluation of methods of resistance to the effects of 'G'.
 S. Davidson
 FPRC Report #599 Oct. 1944

- 36. Evaluation of targets investigated and summary of information obtained pertaining to research in aviation medicine for the German Air Force.

 W. R. Lovelace and V. J. Dulff
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 4 Aug. 1945
- 37. Experimental pressure suit development. R.A.F. Physiological Research Unit. (Air Suit)
 Report FPRC #303, May 23, '41
- 38. Experimental results on the amount of protection against G afforded by restricting C.A.A.G. suit to "LRGS" plus a belt.

 F. S. Cotton and J. H. Tyrer

 Report, Comm. Flying Personnel Research, FPRC, RAAF FR 83(A), undated (rec'd NRC-CMR 1 Nov. 1944)
- 39. Extract from Squadron Leader McIntyre's U.K. report. (Suggestions to improve pressure suits).

 Min. Acceleration Section, No. 2 Flying Personnel Research Unit, FPRC, RAAF FR 102, 15 Jan. 1945, Appendix A
- 40. Factors influencing the efficacy of anti-g equipment at present in use. Interim report, OEMcmr-129.

 E. H. Wood and E. H. Lambert

 CAM Report #442 24 May 1945
- 41. Factors involved in the protection afforded by the pneumatic antiblackout suits. OEMcmr-129. E. H. Wood et al CAM Report #351 - 24 Aug. 1944
- 42. F.F.S. with pneumatic pressurization as an anti-g device.

 E. H. Lambert et al

 CAM Report #248 19 Jan. 1944
- 43. Flight tests of anti-blackout equipment Ryan Aeronautical Company.
 C. W. Terry
 CAM Report #441 25 April 1945
- 44. Franks' flying suit mark III: report on operational trials in the second tactical air force.

 Cellars, Rose and Kerr

 Report, Comm. Flying Personnel Research FPRC 584 (a), undated (rec'd NRC-CMR 14 Dec. 1944)
- 45. German aircraft oxygen equipment.
 R. C. London and J. C. Gilson
 FPRC Report #644 undated (rec'd NRC-CMR 31 Oct. 1945)
- 46. High "G" manoeuvres with American anti-g units.

 K. V. Robertson and M. C. Cotton

 Report, Comm. Flying Personnel Research, RAAF FR 128, Jan. 1945
- 47. Institut für luftfahrtmedizin, Munich. (Assessment report) War Dept., CIOS, Consolidated Advance Field Team, Misc. undated (rec'd NRC-CMR 27 Feb. 1946)

- . 48. Introduction of anti-"G" equipment into the MTO.
 G. A. Hallenbeck
 War Dept., Air Forces, TSELA-3-696-51N, 12 May 1945
 - 49. JP-1 modification of the Clark-Cornelius Anti-G valve for use in jet propelled aircraft.
 G. A. Hallenbeck
 War Dept., Air Forces, TSELA-3-696-78D, 8 Sept. 1945
 - 50. JP-l pressure regulating valve for G suits in P-80 airpland. G. A. Hallenbeck
 War Dept., Air Forces, TSELA-3-696-78E, 30 Aug. 1945
 - JP-2 pressure regulating valve for Anti-G suits in jet propelled aircraft.
 G. A. Hallenbeck
 War Dept., Air Forces, TSELA-3-696-78F, 14 Sept. 1945
 - 52. JP-8 pressure regulating valve for anti-g suits in jet propelled air craft.
 E. E. Martin
 War Dept., Air Forces, TSEAA-695-68, 5 Aug. 1946
 - 53. Note of progress of the pneumodynamic suit. (Extract from Australian Flying Personnel Research Committee report, F.R. 27, dated December 1942). (Cotton Suit)
 FPRC report 407-a
 - 54. Notes on the main items of research carried out since the previous committee meeting.

 FPRC Report #648 16 Nov. 1945, Appendix A
 - 55. Personnel equipment problems in ETOUSA and NATOUSA. Appendix 12:
 An immediate application for the anti-G suit.
 A. P. Gagge
 War Dept., Air Forces, ENG-49-695-34, 20 Sept. 1943
 - 56. Physiological studies on the effect of positive acceleration in cats and monkeys. Interim report. (Hydrostatic Suit)
 Jasper, Cipriani, and Lotspeich
 Proc. Assoc. Comm. Aviation Med. Research October 22, 1942,
 Appendix R
 - 57. Physiological tests on flying clothing for use in the tropics.

 J. C. D. Hutchinson

 FPRC #624 May 1945
 - 58. Points from Royal Australian Air Force Flying Personnel Research Committee (papers numbered F.R. 30-31, March, 1943). Carbon monoxide, communication, noise, pressure suit, red floodlighting in aircraft, searchlight dazzle, gogales, night vision, nutrition, glare, morale.

 FPRC report #358 (k) 2, March, 1943

- 59. Preliminary report on current activities of the R.A.F. Physiological Laboratory, Farnborough.

 A. K. McIntyre

 Report, Comm. Flying Personnel Research, RAAF FR-101B,
 14 Dec. 1944
- 60. Preliminary report on K.O.P. anti-G suits.
 A. K. McIntyre
 Report, Comm. Flying Personnel Research, RAAF FR 92, June 1944
- 61. Present position of anti-G suits.
 A. K. McIntyre
 Report, Comm. Flying Personnel Research, RAAF FR 93, June 1944
- 62. Pressure exerted on the lower extremity by the latest models Berger Single Pressure Anti-g suit and Pneumatic Lever Anti-g suit.

 Harold Lamport and L. P. Herrington

 CAM Report #294 27 March 1944
- 63. Pressure suit type BABM
 W. L. Dawbarn
 War Dept., Air Force, ENG-49-M-660-11-X, April 21, 1943
- Progress report on flying suit to protect against pressure effects of acceleration.
 W. R. Franks
 Misc. Canadian Aviation Report #11 2 Oct., 1940
- 65. Progress report on work to protect personnel against the pressure effects of acceleration.
 W. R. Franks
 Misc. Canadian Aviation Report #7 March, 1940
- 66. Protection afforded the human by hydrostatic as compared to pneumatic anti G devices. OEMcmr-129.

 Wood, Code and Baldes
 CAM report #207 12 Nov., 1943
- 67. Protection against the effects of acceleration afforded by pulling against a weighted control stick and the influence of this on the effectiveness of pneumatic anti-blackout suits.

 Lambert, Wood and Baldes
 CAM Report #265 12 Feb. 1944
- 68. Report on anti-g equipment.

 J. Tyrer and K. V. Robertson
 Report, Comm. Flying Personnel Research, RAAF FR 95, 13 Aug. 1944
- 69. Report on comparative trials between C.A.A.G. and F.F. suits.
 S. J. Carr
 Report, Comm. Flying Personnel Research FPRC 567, 11 Feb. 1944

- 70. Report on development of low differential pressure suit for high altitude flying.

 J. D. Akerman

 Special CAM Report 31 Dec. 1942
- 71. Report on practical flying tests carried out with "special flying suit" (designed by Dr. Franks) between June 1st and June 5, 1940. Spitfire L. 1090.

 D. D. Greig

 Misc. Canadian Aviation Report #9 8 June, 1940
- 72. Reports of the Committee on Aviation Medicine, National Research Council, on radial acceleration and its effect on the human and animal organism. (Frank Suit)

 C. A. Maaske
 War Dept., Air Forces, ENG-M-49-696-36, April 8, 1943
- 73. Review of methods of applying air pressure to the extremities for protection against acceleration with measurements of the effective pressures on the skin.

 Lamport, Hoff and Herrington

 CAN Report #228 24 Nov. 1944
- 74. Review of the practicability of and necessity for Anti-G devices in the R.A.F. with particular reference to the F.F.S. MK. III.

 Davidson, Rose and Stewart

 Report, Comm. Flying Personnel Research FPRC 584, July 1944
- 75. Shock suit: A fluid pressure (air pressure) suit for humans.
 A working outline and instructions to accompany suit.
 2nd edition.
 W. R. Franks and E. A. Ryan
 Misc. Canadian Aviation Report #137 15 May 1945
- 76. Slowing of the heart by inflation of the G-suit at 1 "G". C. G. Mackenzie and R. J. Slaughter War Dept., Air Forces, TSELA-3-696-75A - 26 May 1945
- 77. Some aspect of G protection in aircraft.
 F. S. Cotton
 Report, Comm. Flying Personnel Research, RAAF FR 116(g),
 10 May 1945
- 78. Some factors in the protective mechanism of "G" suits.

 A. K. McIntyre
 Report, Comm. Flying Personnel Research, RAAF FR 108, Nov. 1944
- 79. Studies of the Z-1 (G-4) and Z-2 anti-blackout suits, and the C-C-1 standard and adjustable valves used by a Navy fighter squadron on a centrifuge and in aircraft. Interim Report, OEMcmr-288.
 R. L. Christy and W. G. Clark
 CAM Report #447 9 June 1945

- 80. Studies on the effects of abdominal pressure belts upon the flow and distribution of blocd.

 E. C. Andrus et al

 CAM Report #21 18 Aug. 1941
- 81. Studies on the influence of pneumatic leggings upon the flow and distribution of blood. (Air gradient suit)
 S. Scherlis and E. C. Andrus
 CAM Report #115-February 18, 1943
- 82. Study of the role of intra-abdominal pressure in tolerance to centrifugal force.
 R. F. Rushmer
 War Dept., Air Forces, Randolph Field #316 (1) 9 Sept. 1944
- 83. Surface pressure measurements with the University of Southern California pressure suit. OEMcmr-288.

 Henry, Goodman and Hyman
 Special CAM Report 10 May 1946
- 84. Tests made in flight with experimental suit designed to counteract "blackout" effects of positive accelerations.

 W. R. Franks.

 Misc. Canadian Aviation Report #8 14 May, 1940
- 85. Tests of protection against the effects of acceleration afforded the human by the use of the latest model of the gradient pressure suit (G.P.S.) when inflated by three different pressure arrangements. OEMcmr-129.

 Lamport, Hoff, Baldes, Code et al (Boothby)

 CAM report #187 25 August 1943
- 86. Training and selection of aircrew for special duties, on the effects of high "g" and the use of C.A.A.G. suit.

 Min. Comm. Anti-G Problems Research, FPRC, RAAF FR 49 15 June 1943, Appendix A
- 87. Trials of the R.A.F. anti-"g" suit, modified "Q" harness and seat and back cushions in 2nd T.A.F.
 S. Davidson
 FPRC #622 May 1945
- 88. Use of increase in weight of a mass under G to provide source of compressed air for F.F.S. (AB/BG system).

 W. R. Franks et al

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 29 Sept. 1944,
 Appendix B1

LV. PSYCHIATRY AND NEUROLOGY

- A. Fear
- B. Flying Stress
- C. Morale
- D. Neurology
- E. Neuroses
- F. Postcombat Psychosis
- G. Psychiatry
- H. Psychotherapy
- I. Rorschach Test

A. Fear

- Analysis of combat nightmares: Emotional-psychologic aspects.
 J. M. Nagle
 Pacific Fleet Medical News Vol. II, #2, Nov. 1945, pp. 1-4
- 3. Experiments concerning the indirect effects of explosives on the efficiency of soldiers.

 British War Office Misc. Report #195 undated (rec'd NRC-CMR 30 Aug. 1944)
- 4. Fear of German weapons. Based on a survey of enlisted men recently evacuated from North Africa. Joint study by
 Neuropsychiatry Branch, SGO & Research Branch, Special Serv. Div.
 War Dept., Army Service Forces 1 October 1943
- 5. Harrogate investigation, the relationships between the psychiatrists' and the cockpit test grades.

 D. R. Davis

 FPRC Report #529(Q) Feb. 1945
- 6. Investigation of psychological disorders in flying personnel.

 Episodes of unconsciousness, confusion, and amnesia while flying.

 Denis Williams

 Report, Comm. Flying Personnel Research FPRC 562, Nov. 1943
- 7. Investigation into psychological disorders in flying personnel. Section 1. A critical review of published literature.

 C. P. Symonds and Denis Williams

 FPRC report #412 (c) January, 1942
- 8. Investigation into psychological disorders in flying personnel.

 Section 2. Review of reports submitted to Air Ministry since outbreak of the war, April 1942.

 C. P. Symonds and Denis Williams

 FPRC report #412 (d) April, 1942
- 9. Investigation into psychological disorders in flying personnel.

 The reliability of psychiatric opinion in the Royal Air Force.

 Bradford Hill and Denis Williams

 FPRC Report #601 Oct. 1944
- 10. Investigation of psychological disorders in flying personnel by unit medical officers.
 C. P. Symonds and Denis Williams
 FPRC Report #412(K) 14 Feb. 1945
- 11. Mental effects of air raids and war conditions in general.

 Australia, Dept. Home Security, Research & Experiments Section,

 Technical Note #16 June, 1943

- 12. Moral effect of weapons.

 Filed with: British War Office undated, Misc. Report #61
- 13. Nature and incidence of acute emotional disturbances in torpedoed seamen of the Merchant Marine who are continuing at sea.

 Margolin, Kubie, Kanzer and Stone
 Filed with: Reports, Comm. War Neuroses Nov. 1942
- 14. Psychiatric experiences of the Eighth Air Force. First year of combat (July 4, 1942 July 4, 1943).

 Hastings, Wright and Glueck
 War Dept., Air Forces, Misc. Aug. 1944
- 15. Psychological effects of dive-bombing of A.A. personnel, Tobruck.
 Australian file undated
- 17. Reasons for washouts among student pilots in the joint air training program.

 J. E. Goodwin

 Min. Assoc. Comm. Aviation Med. Research Sept. 18, 1941, and Appendix K.
- 18. Report of special commission of civilian psychiatrists covering psychiatric policy and practice in the U.S. Army Medical Corps, European Theater, 20 April to 8 July 1945.

 War Dept., SGO undated (rec'd NRC-CMR 28 Sept. 1945)
- 19. Report on survey of aircrew personnel in the Eighth, Ninth, Twelfth, and Fifteenth Air Forces.

 J. C. Flanagan
 War Dept., Air Forces, Miscellaneous 29 March 1944
- 20. Summary report on operational stress and the anxiety state in combat flying. Memo to H. W. Smith from E. F. DuBois
 Navy Dept., Bur. Med. and Surg. undated (rec'd NRC-CMR 27 Oct. 1944)
- 21. War neuroses in North Africa. The Tunisian campaign, January May, 1943
 R. M. Grinker and J. P. Spiegel
 War Dept., NATO September, 1943

B. Flying Stress

- 2. Analysis of neurosis precipitated by flying duties among operational aircrew under the control of the R.A.F. in Mediterranean Allied Air Force, Central Mediterranean Forces during 1944.
 R. N. Ironside
 FPRC Report #631 (revised) July 1945
- 3. Clinical and statistical study of neurosis precipitated by flying duties. Table IV of the report.
 Report, Comm. Flying Personnel Research FPRC 547 a, Feb. 1944
- 4. Conference on physiological aspects of combat fatigue.

 Report #63, Comm. Clin. Invest. 3 May 1945
- 5. Evaluation of means for reducing pilot fatigue during long fighter missions anti-"g" suit.

 Irving, Scholander and Cook
 War Dept., Army Air Forces Board Report #6 7 Dec. 1944
- 6. Experiment on flying fatigue.
 F. C. Bartlett
 FPRC #126 18 April 1940
- 7. Fatigue apparatus.

 K.J.W. Craik

 FPRC #119 March 1940
- 8. First report of the Habitability Mission to the Eastern Fleet 1944.

 Appendices.

 Report, Subcomm. Habitability, RNPRC; MRC RNP 45/202(J),

 undated (rec'd NRC-CMR 23 Oct. 1945)
- 9. German military neuropsychiatry and neurosurgery.

 Leo Alexander

 War Dept., Combined Intelligence Objectives Subcomm.

 Report #90 undated (rec'd NRC-CMR 5 Aug. 1946)
- 10. Harrogate investigation, the relationships between the psychiatrists and the cockpit test grades.

 D. R. Davis

 FPRC Report #529(Q) Feb. 1945
- 11. Instructions for medical officers on special accommodation of the
 medical services for flying personnel.
 C. C. Ollregge
 German File 17 Nov. 1943

- 12. Investigation into psychological disorders in flying personnel.

 Assessment of temperament in connection with aircrew selection.

 Report on the psychiatric method employed.

 C. P. Symonds and Denis Williams

 Report, Comm. Flying Personnel Research FPRC 529(0),

 July 1944
- 13. Investigation of pyschological disorders in flying personnel, clinical and statistical study of neurosis precipitated by flying duties.
 C. P. Symonds and Denis Williams
 FPRC Report #547 Aug., 1943
- 14. Investigation of psychological disorders in flying personnel by unit medical officers.
 C.P. Symonds and Denis Williams
 FPRC Report #412(K) 14 Feb. 1945
- 15. Investigation of psychological disorders in flying personnel.

 Episodes of unconsciousness, confusion, and amnesia while flying.

 Denis Williams

 Report, Comm. Flying Personnel Research FPRC 562,

 Nov. 1943
- 16. Investigation into psychological disorders in flying personnel.

 The reliability of psychiatric opinion in the Royal Air Force.

 Bradford Hill and Denis Williams

 FPRC Report #601 Oct. 1944
- 17. Medical aspects of R.A.F. polar research flights.
 R. H. Winfield
 FPRC Report #663 Jan. 1946
- 18. Neurotic reactions to flying duties in aircrew under the control of the R.A.F. in Mediterranean Allied Air Forces, Central Mediterranean Forces, January June 1945.
 R. N. Ironside
 FPRC Report #645 Sept. 1945
- 19. Note on the time of recognition of neurosis in flying personnel. Denis Williams FPRC Report #412(j) - Feb. 1944
- 20. Notes on the prevention of fatigue in flying personnel.

 (Air Ministry Pamphlet 154.)

 FPRC Report #543 June, 1943
- 21. Occurrence of neurosis in R.A.F. Air Crew, 1943-1944. C. P. Symonds FPRC Report 412(i) - Sept. 1944

Flying Stress

- 22. Occurrence of neurosis in R.A.F. air crew, 1943-1944. Bomber
 Command.
 C. P. Symonds
 FPRC Report 412(i) Sept. 1944, Appendix A
- 24. Occurrence of neurosis in R.A.F. Air Crew, 1943-1944. Flying Training Command.
 C. P. Symonds
 FPRC Report 412(i) Sept. 1944, Appendix C
- 26. Occurrence of neurosis in R.A.F. Air Crew, 1943-1944. Personnel in Fighter Command, Army Co-operation Command and later A.E.A.F., including A.D.G.B. and 2nd T.A.F.
 C. P. Symonds
 FPRC Report 412(i) Sept. 1944, Appendix E
- 27. Physiological effects of ultra-sonic vibrations.

 War Dept., Combined Intelligence Objectives Subcomm. Report #45 undated (rec'd NRC-CMR 2 Aug. 1945)
- 28. Probability of return to full flying of men who have broken down under the strain of operational duties.

 C. P. Symonds and Denis Williams

 FPRC Report #561 Nov., 1943
- 29. Psychiatric experiences of the Eighth Air Force. First year of combat (July 4, 1942 July 4, 1943)

 Hastings, Wright and Glueck

 War Dept., Air Forces, Misc. Aug. 1944
- 30. Psycho-somatic approach to disabilities in S.A.A.F. flying personnel.

 Analysis of Central Medical Establishment Disability Boards
 (1.9.41 31.8.44).

 A.B.J. Plaut
 South African Report #28 -20 March 1945
- 31. Relative importance of operational hazard, inexperience and effort in tour limitation.

 D. D. Reid

 FPRC Report #640 Aug. 1945

Flying Stress

- 32. Report on survey of aircrew personnel in the Eighth, Ninth,
 Twelfth, and Fifteenth Air Forces.
 J. C. Flanagan
 War Dept., Air Forces, Miscellaneous 29 March 1944
- 33. Role of fatigue in pilot performance.

 Div. Anthropology and Psychology, NRC May 1946
- 34. Statistical analysis of neurosis precipitated by flying duties among operational air crew under the control of the R.A.F. in Mediterranean Allied Air Forces, Central Mediterranean Forces.

 FPRC Report #631 July 1945
- 35. Study of some measures of the effect of operational stress on bomber crews.

 D. D. Reid

 FPRC Report #605 Nov. 1944
- 36. Summary report on operational stress and the anxiety state in combat flying. Memo to

 H. W. Smith from
 E. F. DuBois
 Navy Dept., Bur. Med. and Surg. undated (rec'd NRC-CMR 27 Oct. 1944)

C. Morale

- "Acute pilot's fatigue". A consideration and analysis.
 D. B. Dill and A. C. lvy.
 CAM Report No. 29 20 October 1941.
- Air Starf Post-hostilities Intelligence Requirements on German Air Force.
 B. Schreuder et al.
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 Aug. 1945.
- 3. Analysis of one hundred psychiatric casualties and one hundred apparently "normal" soldiers.
 Billings, Ebaugh, et al. Final report.
 Filed with: Reports, Comm. Psychiatry July 1942.
- 4. Assessment of the effects of depressing situations or substances on services personnel.
 N. H. Mackworth.
 Report, MPRC BPC 42/129, August, 1942.
- 5. Combat medicine. (Description of care given combat wounded.).
 War Dept., ETO, "Army Talks" Vol. II, No. 27, 13 Sept. 1944.
- 6. Dissemination of information to troops on embarkation in transports.

 Gilman and H. L. Goff.

 Atlantic Fleet Medical News Letter No. 0-44 29 Feb. 1944.
- 7. Draft report on the possible scope of psychological work in the services.

 Report, Informal. Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)25. 29 June 1943.
- 8. Effect of upbringing and education on Japanese morale.

 John Kelnar.

 British War Office Misc. Report No. 222 Aug. 1944.
- 9. Experiments concerning the indirect effects of explosives on the efficiency of soldiers.

 British War Office Misc. Report No. 195 undated (rec'd. NRC-CAR 30 Aug. 1944).
- 10. Factors influencing onset and production of fatigue in Catalina flying boat crews. Diet. Noise. Clothing. Glare. Air sickness.

 Morale. Benzedrine.

 R. H. Winfield.

 Report F.P.R.C. No. 355, Sept. 1, 1941.
- 11. Fatigue in jungle operations.

 D. H. K. Lee
 Report, Comm. Army Physiological Research, NHARC Australia undated (rec'd NRC-CLR 4 July 1944).

- 12. Fear of German weapons. Based on a survey of enlisted men recently evacuated from North Africa. Joint study by Neuropsychiatry Branch, SGO & Research Branch, Special Serv. Div. War Dept., Army Service Forces 1 October 1943.
- 12. First reactions to battle.

 Filed with: British War Office April, 1942; Misc. Report No. 57.
- 14. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part III. The health of the Eastern Fleet.

 F. P. Ellis.

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(f).

 July 1945.
- 15. German deserter a psychological study.
 H. V. Dicks.
 British War Office, Misc. Report No. 158 May 1944.
- 16. German parachute troops at Crete.
 C. G. G. Mackey.
 Report F.P.R.C. No. 260, undated.
- 17. German political attitudes.
 H. V. Dicks.
 British War Office Misc. Report No. 211 Oct. 1944.
- Interim observations on cases in advanced psychiatric wings.
 Kenton et al.
 British War Office, Miscell. report No. 147 March 1944.
- 19. Investigation into psychological disorders in flying personnel.

 Section 1. A critical review of published literature.

 C. P. Symonds and Denis Williams.

 FPRC report No. 412 (c) January, 1942.
- 20. Investigation into psychological disorders in flying personnel. Section 2. Review of reports submitted to Air Ministry since outbreak of the war, April 1942.
 C. P. Symonds and Denis Williams.
 FPRC report No. 412 (d) April, 1942.
- 21. Investigation of psychological disorders in flying personnel by unit medical officers.
 C. P. Symonds and Denis Williams.
 FPRC Report No. 412 (K) 14 Feb. 1945.
- 22. Investigation of psychological disorders in flying personnel, clinical and statistical study of neurosis precipitated by flying duties.
 C. P. Symonds and Denis Williams.
 FPRC Report No. 547 Aug. 1943.
- 27. Investigation of psychological disorders in flying personnel. The psychological aspects of airsickness.
 C. P. Symonds and Denis Williams.
 FPRC Report No. 593 Sept. 1944.

- 24. Medical observations during passage on northern convoy. Abstract of report by
 Macdonald Critchley.
 Report, Royal Naval Personnel Research Comm. R.N.P. 42/25,
 January-February, 1942.
- 25. Medical problems of the merchant ship fighter unit, (M.S.F.U.).
 R. H. Winfield.
 F.P.R.C. report No. 468 May 25, 1942.
- 26. Memorandum for National Research Council on ABCA (British Army Bureau of Current Affairs).

 J. E. Moore.

 Filed with: British War Office, Misc. Report No. 81 5 September, 1943.
- 27. Memorandum for National Research Council on ABCA (British Army Bureau of Current Affairs).

 Amended and corrected by Lt. Col. R. A. Rusbridge, ABCA, British War Office.

 British War Office, Misc. Report 81-A, undated (rec'd MRC-CMR 13 Jan. 1944.).
- 28. Mental effects of air raids and war conditions in general.

 Australia, Dept. Home Security, Research & Experiments Section,
 Technical Note No. 16 June, 1943.
- 29. Moral effect of weapons.

 Filed with: British War Office undated, Misc. Report No. 61.
- 30. Morale problems of 5,000 returnees in the United States. War Dept., SGO 21 Jan. 1945.
- 21. Place of psychology in the work of the Directorate of Biological Research. F.A.E. Crew. Report, Services Subcomm., Comm. Psychologists and Psychiatrists -PP(SC)(42)40, 11 Sept. 1943.
- 32. Preparations. Notes on British Army medical preparations for D-Day. British War Office, Army Bur. Current Affairs "War" No. 73, 24 June 1944.
- 23. Prevention of loss of manpower from psychiatric disorders.
 War Dept., ETO 4 Oct. 1944.
- 34. Prevention of manpower loss from psychiatric disorders. (Report of a trip to North African Theatre of Operations, 17 May 19 July 1944).

 J. W. Appel.

 War Dept., SGO undated (rec'd NRC-CMR 21 Dec. 1944).
- 35. Prisoner of war comes home.

 British War Office, Misc. Report No. 161 May 1944.

- 36. Proceedings of a conference on the use of psychological methods in war time.

 Misc. Canadian Aviation Report No. 127 2 October, 1939.
- 27. Psychological foundations of the Wehrmacht.
 H. V. Dicks.
 British War Office, Misc. Report No. 125 Feb. 1944.
- 78. Psychological observations on selection and training of parachute troops.
 A. Kennedy.
 British War Office undated; Misc. Report No. 45.
- 29. Psychological questions relating to A. A. personnel.
 E. T. C. Spooner.
 British War Office September 9, 1942; Misc. Report No. 19.
- 40. Questionnaire of returned soldiers from active service in Sicily,
 Italy, Dieppe, and Alaska.
 M. W. Chepesuik.
 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944, Vol. VI,
 Appendix B.
- 41. Rations, field. Preliminary report on the nutritional aspects of the Canadian Army winter field trials, January and February, 1944.

 Johnson, Consolazio, and Robinson.

 Harvard Fatigue Lab. report No. 106 (No. 24 to OQMG) 10 Mar. 1944.
- 42. Ration trials. Prince Albert Sask.

 Robert Kark and J. F. McCreary.

 Royal Canadian Army Report No. 11 15 April 1944.
- 42. Report of special commission of civilian psychiatrists covering psychiatric policy and practice in the U. S. Army Medical Corps, European Theater, 20 April to 8 July 1945.

 War Dept., SGO undated (rec'd NRC-CMR 28 Sept., 1945).
- 44. Report on inspection of tropical radar stations.
 Giovanelli, Fraser and Mathieson.
 Misc. File Britain, 14 Nov. 1944.
- 45. Report on inspection of tropical radar stations.
 R. G. Giovanelli et al.
 Report, Comm. Flying Personnel Research, RAAF FR 101F, undated (rec'd NRC-CAR 28 April 1945).
- 46. Report on interrogation of PW KP.8417, Dr. Ludwig Guettner. War Dept., ETO undated (rec'd NRC-CMR 30 Aug. 1944).
- 47. Report on living and working conditions among R. N. personnel in the tropics.

 Macdonald Critchley and H. E. Holling.

 Filed with: Reports, Comm. Royal Naval Personnel Research, MRC 22 April 1944.

- 48. Report on survey of aircrew personnel in the Eighth, Ninth, Twelfth, and Fifteenth Air Forces.
 J. C. Flanagan.
 War Dept., Air Forces, Miscellaneous 29 March 1944.
- 49. Report to the Director General of Army Medical Services on tour to Malta, Paiforce, India, by the Consulting Psychiatrist to the Army (December, 1944 March, 1945).

 J. R. Rees.

 British War Office Misc. Report No. 248 April 1945.
- 50. Report to the War Orfice on psychological aspects of the rehabilitation of repatriated prisoners of war.

 A. T. M. Wilson.

 British War Office, Misc. Report No. 124 Feb. 1944.
- 51. Report to the War Office on psychological aspects of the rehabilitation of the limbless.
 E. Wittkower.
 British War Office. Misc. Report No. 125 Jan. 1944.
- 52. Studies of certain psychiatric problems of war-time medical administration and of war medicine. Final report, Ohlomr-227.
 C. C. Fry.
 Filed with: Reports, Comm. Neuropsychiatry 15 June 1944.
- 52. Summary of an investigation of some aspects of the V. D. problem in the Army.

 Wittkower, Cowan, and Sullivan.

 British War Office, Misc. Report No. 112 undated (rec'd NRC-CMR 2 Feb. 1944).
- 54. Summary of an investigation of some aspects of the V. D. problem in the British Army. (Revised).
 Wittkower, Cowan, and Sullivan.
 British War Office, Misc. Report No. 120 Jan. 1944.
- 55. Summary report on operational stress and the anxiety state in combat flying. Memo to H. W. Smith from E. F. DuBois.

 Navy Dept., Bur. Med. and Surg. undated (rec'd NRC-CMR 27 Oct. 1944).
- 56. Survivor accounts. Seaman Manning Clagett's account and related comment.

 Navy Dept., Coast Guard, Air Sea Rescue Bull. No. 1 June 1944, pp. 12-13.
- 57. Test of acceptability and adequacy of U. S. Army C, K, 10-in-1 and Canadian Army Mess Tin Rations.

 Armored Med. Research Lab. 22 Nov. 1944.
- 58. Training: training pamphlet for wounded soldiers.

 German File undated (rec'd NRC-CMR 26 Feb. 1944).

- 59. War neuroses in North Africa. The Tunisian campaign, January-May, 1942. R. M. Grinker and J. P. Spiegel. War Dept., NATO - September, 1943.
- 60. What the soldier thinks. Digest, with charts, of a year's research studies indicating the attitudes, prejudices and desires of American troops.

 Special Serv. Div., Research Branch.
 War Dept., Army Service Forces December, 1942.
- 61. What the soldier thinks. Quarterly report, with charts, of research studies indicating the attitudes, prejudices and desires of American troops.

 Special Serv. Div., Research Branch.
 War Dept., Army Service Forces August, 1943.

D. Neurology

- 1. Absence of demonstrable injury to the central nervous system after repeated experiencing of decompression sickness.
 G. L. Engel et al (Blankenhorn and Ferris).
 CAM report No. 26% 1 Mar. 1944.
- Autonomic reactions to startle: 1. Photoelectric plethysmograph.
 M. W. Thorner.
 War Dept., Air Forces, Randolph Field, No. 135 (1) 25 Nov., 1941.
- Case report on a severe, delayed reaction with cerebral involvement following decompression. Officer-196.
 Lund, Lawrence and Lawrence.
 CAM Report No. 396 15 Dec. 1944.
- 4. Central impairment by sympathetic reflexes by plasmochin. OHMcmr-423. G. K. Moe and M. H. Seevers. Report No. A-568, Malaria Board 27 Dec. 1945.
- 5. Clinical study of the toxicity of atabrine on the central nervous system.
 H. W. Newell and Theodore Lidz.
 Report No. 180, Malaria Board 24 July 1944.
- 6. Comparison of the toxic effects of SN-7618 and SN-7272. (Antimalarials).

 Interim report No. 2, OHMcmr-217.

 Report No. 220. Malaria Board 1 Jan. 1945.
- 7. Compendium of aviation medicine.
 Siegfried Ruff and Hubertus Strughold.
 Special CAM Report 1942.
- 8. Conference on acceleration at the Montreal Neurological Institute.
 C. A. Maaske.
 War Dept., Air Forces, ENG-49-696-4B, 14 June, 1943.
- 9. Effects of some central nervous system depressing drugs on intellectual and psychomotor performance at 18,000 feet with and without supplementary oxygen.

 P. K. Smith.

 War Dept., Air Forces, Randolph Field No. 221 (1) 6 Jan., 1944.
- 10. Electroencephalograms in aviation cadets giving a history of "fainting".
 M. W. Thorner.
 War Dept., Air Forces, Randolph Field No. 75 (1) 22 Aug. 1942.
- 11. Electroencephalographic observations of two cases of the scotomamigraine syndrome complicating decompression sickness.
 G. L. Engel et al.
 CAM Report No. 227 26 Nov. 1943.
- 12. Electroencephalography of naval aviators.

 A. Forbes and H. Davis, with a supplement:

 (EEG analysis of 79 selected C.A.A. subjects. P. A. Davis).

 Filed with: Div. Anthropology and Psychology, NRC April 1942.

- 13. German medical schools.

 Stewart Duke-Elder et al.

 War Dept., Combined Intelligence Objectives Subcomm. Report

 No. 84 6 Nov. 1945.
- 14. Handbook for medical examiners, 2nd. edition.
 Dept. Commerce 15 Oct. 1944.
- 15. Handbook for Medical Examiners. Suggested revision submitted by the Committee on Medical Problems of Civil Aviation, National Research Council.

 Dept. Commerce undated (rec'd NRC-CMR 17 July 1946).
- 16. Handbook "Outline of neuropsychiatry in aviation medicine."
 R. C. Anderson.
 War Dept., Air Forces, Randolph Field, No. 267 (1) 20 June, 1944.
- 17. Influence of oxygen-lack on the human organism on brief exposure to high altitudes. A contribution to the question of functional capacity during flight at high altitude.

 Franz von Tavel.

 Filed with: Reports, Comm. Oxygen and Anoxia undated (rec'd. NRC-CMR 5 July 1944).
- 18. Maintenance of homeothermy in a cold environment.
 H. C. Bazett.
 CAM report No. 197 20 October 1943.
- 19. Miscellaneous interviews on medical practice and research in Germany.

 McCarthy, Schlumberger and Bucky.

 War Dept., Combined Intelligence Objectives Subcomm. Report No. 72 undated (rec'd NRC-CMR 25 Oct. 1945).
- 20. Motion sickness, present status of research.

 A. K. McIntyre.

 Report, Comm. Flying Personnel Research, RAAF FR 91,
 June, 1944.
- 21. Nervous system and traumatic shock. A review by
 H. W. Florey and M. A. Jennings.
 Filed with: Reports, Comm. Traumatic Shock, MRC undated.
- 22. Neurogenic shock. OEMcmr-8.

 D. B. Phemister and R. J. Schachter.

 Filed with: Reports, Comm. Shock undated.
- 23. Neuropsychological aspects on convalescence. Summary report Part II, Ommon-177.
 Kenyon, Adams and Halstead.
 Filed with: Reports, Comm. Conval. and Rehab. 27 Dec. 1945.

Neurology

- 24. Notes on the problem of combat fatigue with particular reference to the question of physiological response to emotional stress.

 Ancel Keys.

 Filed with: Reports, Comm. Clin. Invest. 1 May 1945.
- 25. Observations on the effects of air blost on the central nervous system and viscera of cats and rabbits.
 E. L. Corey and Isidore Gersh.
 Naval Med. Research Inst., Project X-219 24 June 1944.
- 26. Occurrence and treatment of "sciatica" arising from ruptured intervertebral disc in RAF and other military personnel.
 C. P. Symonds.
 Comm. Aviation Med. report No. 45.
- 27. On the neurological and characterological assessment of flying fitness. (Luftfahrtmedizin, Vol. 3, No. 2, 1938/9, pp. 73-81. Translated by V. P. Akimoff.)
 R. Lemke.
 FPRC Miscellaneous File, 1938-39.
- 28. On the possible use of the redox dye pyocyanine for the acceleration of brain respiration at low oxygen tensions.
 J. A. Kitching.
 Misc. Canadian Aviation Report No. 52 March, 1940.
- 29. Proposed revision of the neuropsychiatric standards of AR 40-110.

 I Muscle atrophy.

 M. V. Thorner.

 War Dept., Air Forces, Randolph Field No. 150 (1) 16 Sept., 1942.
- Recommendations for the handling of reactions following altitude chamber flights.
 R. L. Masland.
 War Dept., Air Forces, Randolph Field No. 217 (1) 30 Dec., 1943.
- 31. Report VII. A histological examination of the spinal cord of animals rapidly decompressed to 40,000 50,000 ft. (See F.P.R.C. reports No. 316 and 317).
 Report F.P.R.C. No. 345, undated.
- Z2. Reviews of physical standards for airmen.
 Appendix C.
 Filed with: Reports, Comm. Med. Problems of Civil Aviation undated (rec'd NRC-C_R 22 Aug. 1946).
- 33. Study of cerebral physiology at high altitudes.

 M. W. Thorner.

 War Dept., Air Forces, Randolph Field No. 60 (1) 1 March 1943.
- Suggested modifications of MR 1-9, (entitled "Standards of Physical Examination during Mobilization").
 J. C. Whitehorn.
 Filed with: Report, Comm. Neuropsychiatry undated.

- 25. Suggestions for improvement in the neurological service in the Army and on related problems.

 George Riddoch.

 Filed with: British War Office, Misc. Report No. 71 19 October, 1942.
- 26. Summary of advances during 1944 in the field of high altitude decompression sickness.
 J. F. Fulton.
 Special CAM Report 10 Jan. 1945.
- 37. Survey of chamber reactions observed and studied at the 33rd. Altitude Training Unit prior to 1 October 1942 with related clinical studies. A. F. Goggio.
 War Dept., Air Forces, Misc. Dec. 1943.
- 38. Syndrome of oxygen poisoning in cats. Isidore Gersh. Naval Med. Research Inst. - Project X-192(1), 30 Oct. 1944.

E. Neuroses

- Air Staff Post-hostilities Intelligence Requirements on German Air Force.
 B. Schreuder et al
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 Aug. 1945
- Arrangements for disposal of men with neurotic disabilities by transfer to suitable employment on discharge from certain hospitals or Neurosis Centres.
 C. D. Moorhead
 British War Office, Misc. Report, #138 20 May 1941
- 4. British-American-Canadian surgical mission to the U.S.S.R. Hospitals

 for civilians and soldiers. Section L: Botkin Hospital.

 Wilder Penfield

 Proc. Comm. Surgery, NRCC 1 Oct. 1943, Vol. 2, Appendix A
- 5. Chance for misfits.
 Army Med. Dept. Bull. #30, Dec. 1943
- 6. Conference on physiological aspects of combat fatigue.
 Report #63, Comm. Clin. Invest. 3 May 1945
- 7. Discussion of war neuroses and their management. English army and civilian psychiatrists.
 R. B. Dawson
 Miscellaneous Reports General (Britain) 22 March, 1941
- 8. Effect of heat and humidity on troops in the Far East.
 British War Office, Misc. Report #247 March 1945
- 9. Factors contributing to disability from civilian head injury (excluding age and alcoholism). Interim report, OEMcmr-159.

 D. Denny-Brown et al
 Report #25 (abstracted), Comm. Neurosurgery 8 Jan. 1944
- 10. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part III. The health of the Eastern Fleet.

 F. P. Ellis

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(f),
 July 1945
- 11. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part III. The health of the Eastern Fleet. (Tables).

 Report, Subcomm, Habitability, RNPRC, MRC RNP 45/202(g), July 1945
- 12. Follow-up study of enlisted men discharged from the Army because of psychoneuroses.

 War Dept., SGO undated (rec'd NRC-CMR 5 May 1945)

- 13. German military neuropsychiatry and neurosurgery.

 Leo Alexander

 War Dept., Combined Intelligence Objectives Subcomm. Report #90 undated (rec'd NRC-CMR 5 Aug. 1946)
- 14. Handbook "Outline of neuropsychiatry in aviation medicine."
 R. C. Anderson
 War Dept., Air Forces, Randolph Field, #267 (1) 20 June 1944
- 15. Immediate psychologic effects of bombing, torpedoing and submersion.
 A. J. Roos
 Atlantic Fleet Medical News Letter #0-44 29 Feb. 1944
- 17. Investigation into psychological disorder in flying personnel: The occurence of neurosis in Royal Air Force air crew 1944 1945.

 C. P. Symonds and Denis Williams

 FPRC #412(L) April 1945
- 18. Investigation into psychological disorders in flying personnel. The reliability of psychiatric opinion in the Royal Air Force.

 Bradford Hill and Denis Williams

 FPRC Report #601 Oct. 1944
- 19. Investigation into psychological disorders in flying personnel.

 Section 1. A critical review of published literature.

 C. P. Symonds and Denis Williams

 FPRC report #412 (c) January, 1942
- 20. Investigation into psychological disorders in flying personnel.

 Section 2. Review of reports submitted to Air Ministry since outbreak of the war, April 1942.

 C. P. Symonds and Denis Williams

 FPRC report #412 (d) April, 1942
- 21. Investigation of psychological disorders in flying personnel.

 Episodes of unconsciousness, confusion, and amnesia while flying.

 Denis Williams

 Report, Comm. Flying Personnel Research FPRC 562, Nov. 1943
- 22. Investigation of psychological disorders in flying personnel. The psychological aspects of airsickness.
 C. P. Symonds and Denis Williams
 FPRC Report #593 Sept. 1944
- 23. Method of evaluation neuro-psychiatric casualties.
 R. S. Schwab
 Pacific Fleet Medical News Vol. I, #4, Jan. 1945

Neuroses

- 24. Morale problems of 5,000 returnees in the United States. War Dept., SGO 31 Jan. 1945
- 25. Nature and incidence of acute emotional disturbances in torpedoed seamen of the Merchant Marine who are continuing at sea.

 Margolin, Kubie, Kanzer, and Stone
 Filed with: Reports, Comm. War Neuroses Nov. 1942
- 26. Neuropsychiatric organisations in the German Air Force.

 Denis Williams

 FPRC Report #629 June 1945
- 27. Neuropsychiatric treatment in the combat zone.
 F. A. Blesse
 War Dept., NATO, Circ, Letter #17 12 June 1943
- 28. Neurotic reactions to flying duties in aircrew under the control of the R.A.F. in Mediterranean Allied Air Forces, Central Mediterranean Forces, January June 1945.
 R. N. Ironside
 FPRC Report #645 Sept. 1945
- 29. Occurrence of neurosis in R. A. F. Air Crew, 1943-1944.
 C. P. Symonds
 FPRC Report 412(i) Sept. 1944
- 30. Occurrence of neurosis in R.A.F. air crew, 1943-1944. Bomber Command.
 C. P. Symonds
 FPRC Report 412(i) Sept. 1944, Appendix A
- 31. Occurrence of neurosis in R.A.F. Air Crew, 1943-1944. Coastal Command.
 C. P. Symonds
 FPRC Report 412(i) Sept. 1944, Appendix B
- 32. Occurrence of neurosis in R.A.F. Air Crew, 1943-1944. Flying Training Command.
 C. P. Symonds
 FPRC Report 412(i) Sept. 1944, Appendix C
- 34. Occurrence of neurosis in R.A.F. Air Crew, 1943-1944. Personnel in Fighter Command, Army Co-operation Command and later A.E.A.F., including A.D.G.B. and 2nd T.A.F.
 C. P. Symonds
 FPRC Report 412(i) Sept. 1944, Appendix E
- 35. Post-traumatic headache. Interim report, OFMcmr-159.
 Brenner, Friedman, Merritt and Denny-Brown
 Filed with: Reports, Comm. Neurosurgery undated (rec'd NRC-CMR
 23 June 1944)

- 36. Predisposition to psychological disorder in normal flying personnel.

 Denis Williams

 FPRC report #516 February, 1943
- 37. Psychopathologic reactions to air-craft accidents.

 D. D. Bond
 War Dept., Air Forces, Randolph Field #183 (1) 20 Sept., 1943
- 38. Psychotic and neurotic patients, their management and disposition.
 A. W. Kenner
 War Dept., NATO, Circ. Letter #4 22 March 1943
- 39. Public mental health practices in Germany. Sterilization and execution of patients suffering from nervous or mental disease.

 Leo Alexander

 War Dept., Combined Intelligence Objectives Subcomm. Report #89 undated (rec'd NRC-CMR 5 Aug. 1946)
- 40. Reflections on the problem of psychoneurosis. Interim report, OEMcmr-337.

 C. C. Fry and E. G. Rostow
 Filed with: Reports, Comm. Neuropsychiatry 31 Oct. 1945
- 41. Relation of broken homes to success in flying training (elementary schools).

 H. M. Turk
 War Dept., Air Forces, Randolph Field #203 (1) 17 Nov., 1943
- 42. Relative importance of operational hazard, inexperience and effort in tour limitation.

 D. D. Reid

 FPRC Report #640 Aug. 1945
- 43. Report of research on selection tests at the U.S. Submarine Base,
 New London, Connecticut.
 C. H. Graham et al
 NDRC Report, OSRD #1770 28 June, 1943
- 44. Report of the Sub-Committee on compensation in the psychoneuroses. Scope of reference of the Sub-Committee.

 Campbell, Kubie and Solomon

 Filed with: Reports, Comm. Psychiatry undated
- 45. Report on living and working conditions among R.N. personnel in the tropics.

 Macdonald Critchley and H. E. Holling
 Filed with: Reports, Comm. Royal Naval Personnel Research, MRC 22 April 1944
- 46. Report on survey of aircrew personnel in the Eighth, Ninth, Twelfth, and Fifteenth Air Forces.

 J. C. Flanagan
 War Dept., Air Forces, Miscellaneous 29 March 1944

Neuroses

- 47. Report on the incidence of neurosis in England under war conditions.

 Aubrey Lewis

 Miscellaneous British file, General Aug. 13, 1941
- 48. Report to the War Office on psychological aspects of the rehabilitation of repatriated prisoners of war.

 A. T. M. Wilson

 British War Office, Misc. Report #124 Feb. 1944
- 49. Schema of rehabilitation for neurosis and psychosis cases, as carried out at 312th Station Hosp., ETO.

 War Dept., ETO undated (rec'd. NRC-CMR 18 April 1944)
- 50. Significance of nervous diseases for the flying services and for aerial operations.

 H. Geyer

 War Dept., Air Forces, Misc. 10 Mar. 1946
- 51. Signs of temperamental unsuitability in pilots under training. (Memorandum on selection by instructors).

 Denis Williams

 FPRC report #518 March, 1943
- 52. Statistics of out-patients at E.M.S. neurosis centres.

 J. Cohen

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists
 PP(SC)(43)28, 24 July 1943
- 53. Study of neurocirculatory asthenia, anxiety neurosis, effort syndrome.
 Final report, OEMcmr-157.
 M. E. Cohen et al (P.D. White Responsible Investigator)
 Filed with: Reports, Comm. Medicine undated (rec'd NRC-CMR 9 July 1946)
- 54. Study of some measures of the effect of operational stress on bomber crews.

 D. D. Reid

 FPRC Report #605 Nov. 1944
- 55. Study of the emotional factors involved in a group of thirty (30) consecutive Navigation cadets in the process of elimination for severe airsickness.

 D. D. Bond
 War Dept., Air Forces, Randolph Field Report #136(1) April 17, 1943
- 56. Study of the health and working experience of 1,000 consecutive persons boarded out of the Forces as unfit for further service. Filed with: British War Office April 20, 1943; Misc. Report #68
- 57. Study on the post-discharge adjustment of psychoneurotic soldiers.

 J. D. Griffin and M. F. Henderson

 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944,

 Vol. V, Appendix H

100

- 58. Suggested rearrangements of M-R 1-9 (section XIX & XX), (respecting the neurological and psychiatric diseases).

 T. J. Putman
 Filed with: Reports, Comm. Neuropsychiatry undated
- 59. Summary report on operational stress and the anxiety state in combat.
 flying. Memo to H. W. Smith from
 E. F. DuBois
 Navy Dept., Bur. Med. and Surg. undated (rec'd NRC-CMR 27 Oct. 1944)
- 60. Survival hints. Wartime safety measures for merchant marine.

 Navy Dept., Emergency Rescue Equipment Section, Sept. 1943
- 61. Symposium on war casualties.
 Pacific Fleet Med. News, Vol. 1, No. 2 Nov. 1944
- 62. U.S.S. Solace (AH5). Statistical report of casualties evacuated from Iwo Jima, February 24 to March 14, 1945.

 W. W. Hall

 Navy Dept., Bur. Med. and Surg. 9 June 1945
- 63. War neuroses in North Africa. The Tunisian campaign, Jan. May, 1943
 R. M. Grinker and J. P. Spiegel
 War Dept., NATO Sept. 1943

the property of the second second

A STATE OF THE STA

the property of the control of the c

F. Postcombat Psychosis

- Investigation of psychological disorders in flying personnel by unit medical officers.
 P. Symonds and Denis Williams
 FPRC Report #412(K) 14 Feb. 1945
- 2. Prevention of loss of manpower from psychiatric disorders.
 War Dept., ETO 4 Dct. 1944
- 3. Prevention of manpower loss from psychiatric disorders. (Report of a trip to North African Theatre of Operations, 17 May 29 July 1944)

 J. W. Appel
 War Dept., SGO undated (rec'd NRC-CMR 21 Dec. 1944)
- 4. Psychological aspects of convalescence.

 Brodman, Mittelmann and Wolff
 Report #5, Comm. Convalescence and Rehabilitation 15 Aug. 1944
- 5. Study of the post-discharge adjustment of psychoneurotic soldiers.
 Griffin, Henderson, and Ross
 Proc. Assoc. Comm. Army Med. Research, NRCC 10-11 Nov. 1944,
 Vol. 5, Appendix A

G. Psychiatry

- 1. "Acute pilot's fatigue". A consideration and analysis.
 D. B. Dill and A. C. Ivy
 CAM report #29 20 October 1941
- 2. Aero-medical exploitation, Germany 1945.

 W. F. Sheeley
 War Dept., Air Forces, Misc. 1 Feb. 1945 to 15 Oct. 1945
- 3. Air evacuation and survival.
 War Dept., Air Forces, TSEAL-3-697-2JJJ, Appendix 32, 20 Sept. 1945
 - 4. Air evacuation of psychotic patients.
 W. S. Langford
 War Dept., Air Forces, Randolph Field #457(1) 2 Oct. 1945
 - 5. Air raid neuroses.

 H. C. Webster

 Australian Scientific Research Liaison July 7, 1942
 - 6. Air Staff Post-Nostilities Intelligence Requirements on German Air Force.
 0. B. Schreuder et al
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 Aug. 1945
 - 7. Amnestic-confabulatory syndrome (Korsakoff psychosis) following head injury. OEMcmr-159.

 A. P. Friedman and Charles Brenner
 Report #50 (abstracted), Comm. Neurosurgery 18 Sept. 1944
 - 8. Analysis of 100 Army psychiatric cases and 100 enlisted men. OEMcmr-65.
 Edward G. Billings et al
 Report #2 (abstracted), Comm. Psychiatry 31 March 1943
 - 9. Analysis of one hundred psychiatric casualties and one hundred apparently "normal" soldiers. Final report.

 Billings, Ebaugh, et al
 Filed with: Reports, Comm. Psychiatry July 1942
 - 10. Analysis of the Personal History Inventory.

 Kogan, Wantman and Dunlap

 Div. Anthropology and Psychology, NRC Feb. 1945
 - ll. Application of the NDRC Personal Inventory to Marine Corps officer candidates: preliminary validation.

 S. B. Williams and H. J. Leavitt

 Navy Dept., Med. Field Research Lab., Camp Lejeune, N.C., M & S

 Research Project X-386 (Sub. No. 75) 26 Dec. 1944
 - 12. A.R.P. at mental hospitals.
 H. Southworth
 Off. Civilian Defense, Vol. Med. Report #101 21 August, 1943

- 13. Association motor studies in military psychiatry. Final report. Ebaugh, O'Kelly and Bush Filed with: Reports, Comm. Psychiatry July, 1942
- 14. Author's summary of a report on the psychoses associated with atabrine therapy in an overseas hospital.
 H. S. Gaskill and Thomas Fitz-Hugh, Jr.
 Report #197, Malaria Board 2 February 1944
- 15. Aviation Neuropsychiatry. Data and information collected during travel in Germany 18 June 1 July 1945. (Personnel)
 Carel Van der Heide
 War Dept., U. S. Strat. Air Forces in Europe, Misc. undated (rec'd NRC-CMR 27 Feb. 1946)
- 16. Behaviour of neurotic subjects in the Cambridge cockpit.

 D. R. Davis

 FPRC report #530 May, 1943
- 17. Brochure for medical officers on the recognition, prevention, and treatment of personality disorders in soldiers.

 Subcommittee on Clinical Psychiatry, with E. G. Billings
 Filed with: Reports, Comm. Psychiatry March 14, 1941
- 18. Classification of psychiatric conditions.

 Report, Subcomm. Services, Comm. Psychologists and Psychiatrists
 PP(44) 11, 25 Oct. 1944
- 19. Classification of psychiatric conditions.

 Report, Subcomm. Services, Comm. Psychologists and Psychiatrists PP(SC)(44)5, 28 Sept. 1944
- 20. Classification of psychiatric conditions.

 J. Cohen and J. D. Peek

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists
 PP(SC)(44)2, 29 Feb. 1944
- 21. Classification of psychiatric conditions under six main headings.

 J. Cohen
 Report, Services, Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)19, 9 Dec. 1943
- 22. Clinical responses of schizophrenic patients to induced anoxia.

 William Corwin and S. M. Horvath

 Filed with: Reports, Comm. Neuropsychiatry, NRC (Rec'd NRC 10 May 1943)
- 23. Code evaluations for the recording of social-neuropsychiatric history. Report, OEMcmr-148.

 Filed with: Reports, Comm. Neurosurgery undated (rec'd NRC-CMR 21 June 1944)
- 24. Comparison of personal inventory scores with service records one year after testing.

 Shipley, Gray and Newbert

 NDRC Report, OSRD #3755 10 June 1944

- 25. Conference on physiological aspects of combat fatigue.
 Report #63, Comm. Clin. Invest. 3 May 1945
- 26. Cornell selectee index: short form to be used at induction, at reception and during hospitalization. Questionnaire, etc.

 OEMcmr-211.

 Weider, Mittelman, Wechsler, and Wolff
 Filed with: Reports, Comm. Neuropsychiatry undated (rec'd NRC-CMR 1 Mar. 1944)
- 27. Cortical activity in airsick personnel.

 M. W. Thorner

 War Dept., Randolph Field #169 (1) July 24, 1943
- 28. Development of methods for assaying the neurotic potentialities of the individual casualty for the purpose of ascertaining the management of convalescence and rehabilitation and estimating prognosis. Final report, OEMcmr-211.

 H. G. Wolf
 Filed with: Reports, Comm. Neuropsychiatry 15 Mar. 1946
- 29. Discussion of war neuroses and their management. English army and civilian psychiatrists.
 R. B. Dawson
 Miscellaneous Reports General (Britain) 22 March, 1941
- 30. Draft survey of the work of psychologists for the Services.

 Expert Comm. on the Work of Psychologists and Psychiatrists in the Services.

 British War Office, Misc. Report #110 16 Dec. 1943
- 31. Early recognition and treatment of psychiatric battle casualties.

 British War Office, Army Med. Dept. Bull., Supplement #5 April 1943
- 32. Effective use of psychiatric and psychological knowledge applicable in the selection of men for military service.

 A. H. Ruggles and F. L. Wells
 Filed with: Reports, Comm. Neuropsychiatry 31 July 1942
- 33. Effect of upbringing and education on Japanese morale.

 John Kelnar

 British War Office Misc. Report #222 Aug. 1944
- 34. Effects of chronic intermittent anoxia in man. VIII. Psychiatric aspects. Final report, OEMcmr-113.
 H. T. Carmichael et al
 Special CAM Report undated (rec'd NRC-CMR 30 June 1944)
- 35. Effects of chronic intermittent anoxia in man. Introduction, summary of results at 10,000 and 11,500 feet and conclusions. OEMcmr-113.
 H. T. Ricketts et al CAM Report #160 20 July, 1943

- 36. Eighth draft monthly report. Section I. Army psychiatry.

 Section II. R.A.F. psychiatry.

 Report, Informal Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)26, 6 July 1943
- 37. Eleventh draft statistical report. Psychiatric work in the Army,
 Middle East.
 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)45, 18 Oct. 1943
- 38. Emotional albuminuria.

 J. H. Ahronheim

 Special Report, CAM undated (rec'd NRC 29 Nov., 1943)
- 39. Emotional factor in airsickness.

 W. H. Fraser
 Reports. FPRC-RAAF (orig.) FR 87, Apr. 1944
- 40. Evaluation of post-traumatic syndrome. Final report, OEMcmr-159.
 D. Denny-Brown
 Report #61 (abstracted), Comm. Neurosurgery 15 Nov. 1944
- 41. Experimental forward psychiatric unit.
 R. F. Barbour
 British War Office, Misc. Report, #137 Dec. 1943
- 42. Experimental study of toxicity of atabrine to the human central nervous system.

 Report #181, Malaria Board 24 July 1944
- 43. Extracts from German literature.

 Pervitin. Blood procurement. Gas. Eye injuries due to airplane bombs. Discomfort from military belts. Cardiovascular effects of anoxia and acceleration. Psychic shock and crashes.

 F.P.R.C. report #321-c (WAM-153-1)
- 44. Few suggestions for medical officers regarding the early recognition, prevention and treatment of psychopathological conditions in soldiers, A.

 Report, Comm. Psychiatry undated
- 45. Fifth crash injury conference.

 E. F. DuBois and W. R. Miles

 Special CAM Report 30 and 31 Oct. 1945
- 46. Final report in summary of research on the personal inventory and other tests.
 W. C. Shipley and C. H. Graham
 NDRC Report, OSRD #3963 1 Aug. 1944
- 47. Five-foot shelf on aviation medicine.
 J. F. Fulton and E. C. Hoff
 CAM report #43

- 48. Follow-up of officer candidates. Memorandum by the War Office. Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)16, 9 March 1943
- 49. Follow-up studies. Project M-704. (Improving education of Selective Service Board personnel). OEMcmr-65.

 D. W. Morgan
 Filed with: Reports, Comm. Psychiatry undated
- 50. Follow-up study of enlisted men discharged from the Army because of psychoneuroses.

 War Dept., SGO undated (rec'd NRC-CMR 5 May 1945)
- 51. Further experiment in the prediction of breakdown.

 D. Curran and J.A.F. Roberts

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists
 PP(SC)(43)29, 25 July 1943
- 52. G. A. F. Medical Service II. Incidence and treatment of infectious diseases. Bacteriological warfare, aviation medicine and psychiatry. S. D. Felkin
 War Dept., Air Forces, Misc. 15 July 1945
- 53. German deserter a psychological study.
 H. V. Dicks
 British War Office, Misc. Report #158 May 1944
- 54. German military neuropsychiatry and neurosurgery.

 Leo Alexander

 War Dept., Combined Intelligence Objectives Subcomm. Report #90

 undated (rec'd NRC-CMR 5 Aug. 1946)
- 55. German political attitudes.
 H. V. Dicks
 British War Office Misc. Report #211 Oct. 1944
- 56. Germany after the war: A resume with commentary.
 H. V. Dicks
 British War Office Misc. Report #246 Feb. 1945
- 57. Group Rorschach method. Report on its relation to R.A.A.F. selection problems.

 Buckle, Fraser and Cook
 Report, Comm. Flying Personnel Research, RAAF FR 65, undated (rec'd NRC-CMR 1 Aug. 1944)
- 58. Handbook "Outline of neuropsychiatry in aviation medicine."
 R. C. Anderson
 War Dept., Air Forces, Randolph Field, #267(1) 20 June 1944
- 59. Impairment in emotional control produced both by lowering and raising the oxygen pressure in the atmosphere.

 A. L. Barach

 Special CAM report undated (rec'd NRC-CMR 1 Feb. 1944)

- 60. Influence on cortical activity of large doses of atabrine dihydrochloride.

 A. H. Hill and P. K. Smith

 War Dept., Air Forces, Randolph Field, #232 (1) 27 May 1944
- 61. Initial intelligence classification at Army induction station.
 H. C. Patey
 Filed with: Reports, Comm. Neuropsychiatry 1942
- 62. Interim note on nineteen men recommended for transfer to Pioneer Corps, but posted for infantry training.

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)33, 12 Aug. 1943.
- 63. Interim observations on cases in advanced psychiatric wings.

 C. Kenton et al

 British War Office, Miscell. report #147 March 1944.
- 64. Interim report on follow-up of "annexure" cases.

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)31, 6 Aug. 1943.
- 65. Interrogation report: P/W Muck, Wilhelm, (NNI) Sanitatsfeldwebel.
 W. F. Sheeley
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 2 April 1945.
- 66. Introduction to physical methods of treatment in psychiatry.
 William Sargant and Eliot Slater
 Misc. File Britain, undated (rec'd NRC-CMR 28 Oct. 1944)
- 67. Investigation into psychological disorders in flying personnel.

 Section 1. A critical review of published literature.

 C. P. Symonds and Denis Williams

 FPRC report #412(c) January, 1942
- 68. Investigation into psychological disorders in flying personnel.

 Section 2. Review of reports submitted to Air Ministry since outbreak of the war, April 1942.

 C. P. Symonds and Denis Williams

 FPRC Report #412(d) April, 1942
- 69. Investigation into the causes of wastage in parachute troops.
 W. B. Trotter
 British War Office, DBR paper #10 undated; Misc. Report #64.
- 70. Investigation of psychological disorders in flying personnel by unit medical officers.

 C. P. Symonds and Denis Williams

 FPRC Report #412 (K) 14 Feb. 1945
- 71. Investigation of psychological disorders in flying personnel, clinical and statistical study of neurosis precipitated by flying duties.

 C. P. Symonds and Denis Williams

 FPRC Report #547 Aug., 1943

- 72. Lectures on temperament and personality given as a guide to testing staff, South African Air Force. Lecture I: The diagnosis of temperament.

 S. Bieusheuvel
 FPRC Report #545 (d) June, 1943
- 73. Lecture III: Chief temperament qualities analysed and defined. S. Bieusheuvel FPRC Report #545 (F) - June, 1943
- 74. Lecture II: Interrelation of qualities
 S. Bieusheuvel
 FPRC Report #545 (E) June, 1943
- 75. Manual of practice in methods suitable to the determination of marginal mental capacity of military service.

 F. L. Wells
 Filed with: Reports, Comm. Neuropsychiatry June '42
- 76. Memorandum on the use and abuse of the term "flying stress".

 C. P. Symonds

 Report FPRC #412
- 77. Methods for detection of early signs of Vitamin C deficiency. Final report, OEMcmr-71.

 C. J. Farmer and A. F. Abt
 Report #16 (abstracted), Comm. Med. Nutrition 25 Mar. 1944
- 78. Miscellaneous interviews on medical practice and research in Germany, McCarthy, Schlumberger and Bucky
 War Dept., Combined Intelligence Objectives Subcomm. Report #73 undated (rec'd NRC-CMR 23 Oct. 1945)
- 79. Motion sickness and physiological problems peculiar to parachutists and other airborne troops. Final report, OEMcmr-282.

 D. B. Tyler
 Filed with: Reports, Comm. Motion Sickness 31 May 1946
- 80. Motion sickness history and results of the swing test of one hundred and seven (107) airsick eliminees from flight training.
 A. Hemingway
 War Dept., Air Forces, Randolph Field 170(2) 7 Sept., 1943
- 81. Nature and incidence of acute emotional disturbances in torpedoed seamen of the Merchant Marine who are continuing at sea.

 Margolin, Kubie, Kanzer, and Stone
 Filed with: Reports, Comm. War Neuroses Nov. 1942
- 82. Neuropsychological aspects of convalescence. Summary report Part II, OEMcmr-177.

 Kenyon, Adams and Halstead
 Filed with: Reports, Comm. Conval. and Rehab. 27 Dec. 1945

- 83. Neurotic reactions to flying duties in aircrew under the control of the R.A.F. in Mediterranean Allied Air Forces, Central Mediterranean Forces, January June 1945.
 R. N. Ironside
 FPRC Report #645 Sept. 1945
- 84. Ninth draft monthly report: I. Royal Navy psychiatry. II. R.A.F. psychiatry. III. Psychiatry in the U.S. Army.

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)32, 11 Aug. 1943
- 85. Note on the time of recognition of neurosis in flying personnel.

 Denis Williams

 FPRC Report #412(j) Feb. 1944
- 86. Note regarding the 'M-score' of Penrose and Myers. OEMcmr-65.
 L. I. O'Kelly and D. W. Morgan
 Report #1 (abstracted), Comm. Psychiatry 31 March 1943
- 87. NP problem.
 Navy Dept., Bur. Med. and Surg. 23 June 1944
- 88. Objective studies of some physiologic responses in mild chronic trench foot. Final report, M-5592.

 G. E. Burch et al

 Report #65 (abstracted), Comm. Infected Wounds and Burns 23 Nov. 1945
- 89. On respiration rate during a bomber sortie.

 E. A. Goldie
 Flying Personnel Research Comm. FPRC 552, Oct. 1943
- 90. On the neurological and characterological assessment of flying fitness. (Luftfahrtmedizin, Vol. 3, No. 2, 1938/9, pp. 73-81. Translated by V. P. Akimoff.)
 R. Lemke
 FPRC Miscellaneous File, 1938-39
- 91. Personal inventory, short form (format C): derivation and preliminary psychiatric validation.

 Shipley, Gray and Newbert

 NDRC, OSRD report #3390 15 March 1944
- 92. Personal inventory, short form (format C): psychiatric validation on a pre-testing bases.

 Shipely, Gray and Newbert

 NDRC, OSRD report #3604 1 May 1944
- 93. Personality organization and anoxia tolerance.

 Hertzman, Orlansky, and Seitz

 Special report, CAM undated
- 94. Physiological effects on man of severe anoxia.

 William Corwin and S. M. Horvath
 Filed with: Reports, Comm. Neuropsychiatry, NRC (Rec'd NRC 10 May 1943)

- 95. Pilot selection used in the South African Air Force.
 S. Bieusheuvel and J. Maxwell
 FPRC report #545 June, 1943
- 96. Prediction of failure in flying training and in operations by the brief psychiatric interview.

 R. D. Gillespie and D. D. Reid
 FPRC Report #641 Sept. 1945
- 97. Predisposition to psychological disorder in normal flying personnel.

 Denis Williams

 FPRC report #516 February, 1943
- 98. Preliminary note on promising procedures for the assessment of temperament.

 F. C. Bartlett

 FPRC report #529(b) May, 1943
- 99. Preliminary report of the interrogation of certain high staff officers of the Luftwaffe medical services.

 H. G. Armstrong et al
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 July 1945
- 100. Prevention, recognition and treatment of acute psychiatric breakdowns
 in combat.
 S. P. Hunt
 Pacific Fleet Medical News Vol. I, #9, June 1945
- 101. Prisoner of war comes home.

 British War Office, Misc. Report #161 May 1944
- 102. Problem of pilot wastage.

 Report FPRC #417(WAM-982-16), Jan. 13, 1942
- 103. Problems of psychiatry in the E. T. O.
 D. McG. Kelly
 War Dept., Amer. Med. Soc., ETO 28 July, 1943
- 104. Prognosis for a return to full flying duties after psychological disorder.

 D. D. Reid
 FPRC Report #535 June, 1943
- 105. Proposal for selection of candidates by combined psychiatric and psychological methods.

 FPRC report #523(a) undated
- 106. Proposed plan for establishment of Occupational Therapy Centers.
 British War Office, Misc. Report #143 4 March 1944
- 107. Proposed research project. An analysis of 500 recent psychiatric casualties after induction into the Army, for the purpose of improving the efficiency of Selective Service Board personnel and induction center officers in the early detection and elimination of unfit recruits and selectees.

 National Research Council
 Filed with: Reports, Comm. Psychiatry undated

- 108. Psychiatric analysis of forty (40) subjects made sick by a swing.

 D. D. Bond

 War Dept., Air Forces, Randolph Field #149(1) 31 July, 1943
- 109. Psychiatric aspects of effort syndrome.

 W. D. Ross

 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944,

 Vol. V, Appendix C
- 110. Psychiatric experiences of the Eighth Air Force. First year of combat (July 4, 1942 July 4, 1943)
 Hastings, Wright and Glueck
 War Dept., Air Forces, Misc. Aug. 1944
- 111. Psychiatry after the war with some reference to demobilisation.
 R. D. Gillespie
 Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)13, 22 Feb. 1943
- 112. Psychiatry and psychology in the Luftwaffe.
 War Dept., U. S. Strat. Air Forces in Europe, Med. Intell. Bull. #17
 16 Dec. 1944
- 113. Psychiatry rehabilitation therapy. OEMcmr-386.
 T. A. C. Rennie
 Report #3 (abstracted), Comm. Psychiatry 29 May 1944
- 114. Psychological analysis of the content of autobiographies of Marine Corps officer candidates.

 S. B. Williams and H. J. Leavitt

 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C., M & S

 Research Project X-385(Sub. no. 74), 17 Feb. 1945
- 115. Psychological effects of dive-bombing of A.A. personnel, Tobruck.

 Australian file undated
- 116. Psychological foundations of the Wehrmacht.
 H. V. Dicks
 British War Office, Misc. Report #135 Feb. 1944
- 117. Psychological reactions to defeat. A discussion of probable modes of German behaviour.

 H. V. Dicks
 British War Office Misc. Report #254 May 1945
- 118. Psychopathologic reactions to air-craft accidents.

 D. D. Bond
 War Dept., Air Forces, Randolph Field #183 (1) 20 Sept., 1943
- 119. Public mental health practices in Germany. Sterilization and execution of patients suffering from nervous or mental disease.

 Leo Alexander
 War Dept., Combined Intelligence Objectives Subcomm. Report #89 undated (rec'd NRC-CMR 5 Aug. 1946)

- 120. Reasons for washouts among student pilots in the joint air training program.

 J. E. Goodwin

 Min. Assoc. Comm. Aviation Med. Research, Sept. 18, 1941, Appendix K
- 121. Reflections on the problem of psychoneurosis. Interim report,
 OEMcmr-337.
 C. C. Fry and E. G. Rostow
 Filed with: Reports, Comm. Neuropsychiatry 31 Oct. 1945
- 122. Rehabilitation following experimental starvation in man. Interim report.

 Ancel Keys et al

 Filed with: Reports, Comm. Conval. and Rehab. 15 Jan. 1946
- 123. Relation of broken homes to success in flying training (elementary schools).

 H. M. Turk
 War Dept., Air Forces, Randolph Field #203 (1) 17 Nov., 1943
- 124. Relation of personality disturbances to duration of convalescence from acute respiratiory infections. Annual report, OEMcmr-508. Keeve Brodman (H. G. Wolff)
 Filed with: Reports, Comm. Conval. and Rehab. undated (rec'd NRC-CMR 14 Dec. 1945)
- 125. Reliability and consistency of psychiatric opinions on officer quality.

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists
 PP(SC)(43)35, 13 Aug. 1943
- 126. Report of a conference on psychiatry in forward areas (held at Calcutta Aug. 8-10, 1944)
 Indian Report #15 undated (rec!d NRC-CMR 28 Dec. 1944)
- 127. Report of research on selection tests at the U.S. Submarine Base,
 New London, Connecticut.
 C. H. Graham et al
 NDRC Report, OSRD #1770 28 June, 1943
- 128. Report of research on the personal inventory.
 C. H. Graham and W. C. Shipley
 NDRC Report 29 June 1944
- 129. Report of special commission of civilian psychiatrists covering psychiatric policy and practice in the U.S. Army Medical Corps, European Theater, 20 April to 8 July 1945.

 War Dept., SGO undated (rec'd NRC-CMR 28 Sept. 1945)
- 130. Report of the Sub-Committee on compensation in the psychoneuroses.

 Scope of reference of the Sub-Committee.
 Campbell, Kubie and Solomon
 Filed with: Reports, Comm. Psychiatry undated

- 131. Report of visit to Luftwaffe Rest Home in Kitzbuhel and interrogation of Lt. Colonel Dr. Wecker, Chief Director.
 G. C. McDonald
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 5 June 1945
- 132. Report on effort syndrome project: (a) metabolic studies (b) recruit selection (c) the electrocardiogram in effort syndrome (d) psychiatric studies.

 Stansfield, Browne, and Hoff
 Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. V and Vol. I
- 133. Report on survey of aircrew personnel in the Eighth, Ninth, Twelfth, and Fifteenth Air Forces.

 J. C. Flanagan
 War Dept., Air Forces, Miscellaneous 29 March 1944
- 134. Report on the toxicity of hydraulic fluid K2/140.

 C. B. Hudson and R. Christie
 Report, Comm. Flying Personnel Research, RAAF FR 74, 3 Jan. 1944
- 135. Report to the Director General of Army Medical Services on tour to Malta, Paiforce, India, by the Consulting Psychiatrist to the Army (December, 1944 March, 1945)

 J. R. Rees
 British War Office Misc. Report #248 April 1945
- 136. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.
 H. E. Whittingham
 FPRC Report #651 5 Mar. 1946
- 137. Report to the War Office on psychological aspects of the rehabilitation of the limbless.

 E, Wittkower

 British War Office, Misc. Report #125 Jan. 1944
- 138. Responses of schizophrenic patients to induced anoxia. A) Psychological responses to low oxygen. B) Physiological responses to low oxygen. Horvath and Corwin Harvard Fatigue Lab. Report #9
- 139. Results obtained from testing recruits with the New London-NDRC questionnaire at the Newport Naval Training Station.

 Mote, Berry, and Graham

 NDRC, OSRD report #3040 6 Dec., 1943
- 140. Resume of the various resolutions forwarded to Surgeon General and to the Selective Service System on mobilization regulations. Memorandum from W. Overholser Filed with: Reports, Comm. Neuropsychiatry 17 April 1942

- 141. Schema of rehabilitation for neurosis and psychosis cases, as carried out at 312th Station Hosp., ETO.

 War Dept., ETO undated (rec'd NRC-CMR 18 April 1944)
- 142. Scheme for testing of temperament in the R.A.F. F. C. Bartlett FPRC report #529(e) undated
- 143. Selectee Index: a-method for quick testing of selectees for the Armed Forces. Final report, OEMcmr-211.

 H. G. Wolff
 Filed with: Reports, Comm. Neuropsychiatry, 31 August, 1943
- 144. Selection of illiterate recruits for educational purposes.
 British War Office, Misc. Report #134 11 March 1944
- 145. Seminars for Medical Advisory Board and Army Induction Board psychiatrists.
 H. S. Sullivan
 Filed with: Reports, Comm. Psychiatry 23 Jan. 1941
- 147. Signs of temperamental unsuitability in pilots under training.

 (Memorandum on selection by instructors).

 Denis Williams

 FPRC report #518 March, 1943
- 148. Social-psychological rehabilitation of the physically handicapped.
 Status report, OEMcmr-513.

 Dembo, Ladieu and White
 Filed with: Reports, Comm. Conval. and Rehab. 28 Oct. 1945
- 149. Some observations on homosexuality in military service. Interim report, OEMcmr-337.

 C. C. Fry and E. G. Rostow
 Filed with: Reports, Comm. Neuropsychiatry 1 April 1945
- 150. Standardization and validation of the personal inventory: psychiatric criterion. (NDRC report OEMcmr-834)
 Shipley, Gray and Newbert
 Filed with: NDRC, June 24, 1943
- 151. Standard terms for diagnoses.

 J. H. McNinch
 War Dept., ETO 29 April 1944
- 152. Statistics of out-patients at E.M.S. neurosis centres.

 J. Cohen
 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)28, 24 July 1943

- 153. Studies of certain psychiatric problems of wartime medical administration and of war medicine. Final report, OEMcmr-337. C. C. Fry
 Filed with: Reports, Comm. Neuropsychiatry 15 June 1944
- 154. Studies of certain psychiatric problems of wartime medical administration and of war medicine. Semi-annual report, OEMcmr-337.

 C. C. Fry
 Filed with: Reports, Comm. Neuropsychiatry 1 Dec., 1943
- 155. Study of enuresis in aviation cadet applicants.

 M. W. Thorner

 War Dept., Air Forces, Randolph Field #134 (1) May 24, 1943
- 156. Study of records of aircrew personnel eliminated from flying after graduation from flying training.
 C. G. Grulee
 War Dept., Air Forces, Randolph Field #211 (1) 6 Dec., 1943
- 157. Study of some factors in the causation of flying stress.

 D. D. Reid

 FPRC report #450 (WAM-153-6)
- 158. Study of the emotional factors involved in a group of thirty (30) consecutive Navigation cadets in the process of elimination for severe airsickness.

 D. D. Bond
 War Dept., Air Forces, Randolph Field Report #136 (1) April 17, 1943
- 159. Study of the value of the standard decompression chamber test for otitic and sinus barotrauma.

 W. L. M. Turner
 Report, Comm. Flying Personnel Research FPRC 570, Dec. 1943
- 160. Study on the post-discharge adjustment of psychoneurotic soldiers.

 J. D. Griffin and M. F. Henderson

 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944, Vol. V,

 Appendix H
- 161. Suggested classification of psychiatric conditions.

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)47, 16 Nov. 1943
- 162. Suggested modifications of MR 1-9, (entitled "Standards of Physical Examination during Mobilization")
 J. C. Whitehorn
 Filed with: Reports, Comm. Neuropsychiatry undated
- 163. Suggested outline for four week post graduate course for psychiatrically trained officers.

 F. G. Ebaugh
 Filed with: Reports, Comm. Neuropsychiatry 21 April 1941

- 164. Suggested rearrangements of M-R 1-9 (section XIX & XX), (respecting the neurological and psychiatric diseases).

 T. J. Putman
 Filed with: Reports, Comm. Neuropsychiatry undated
- 65. Suggestions for the Army officer regarding the early recognition of personality disorders in soldiers.

 Subcommittee on Clinical Psychiatry, with E. G. Billings.

 Filed with: Reports, Comm. Psychiatry March 14, 1941
- 166. Summaries of reports to the Subcommittee on Personnel Selection.
 (35 reports). Presented by
 J. W. Tice
 Proc. Assoc. Comm. Aviation Med. Research February 27, 1943,
 Appendix A
- 167. Summary of an investigation of some aspects of the V. D. problem in the Army.
 Wittkower, Cowan and Sullivan
 British War Office, Misc. Report #112 undated (rec'd NRC-CMR 3 Feb. 1944)
- 168. Summary of an investigation of some aspects of the NeiDieproblem in the British Army. (Revised)
 Wittkower, Cowan and Sullivan
 British War Office, Misc. Report #120 Jan. 1944
- 169. Summary of report on second six months of Royal Air Force Hospital Matlock, Derbyshire.

 Report FPRC #310, April to Sept. 1940
- 170. Survey of air sickness aircrew trainees. Clinical investigation.
 Respiratory problems, visual problems, psychoses. R.C.A.F.,
 D.M.S. Circular orders #34 and 9.
 Report FPRC #335, June 17, 1941; and Dec. 12, 1940
- 171. Symposium on the psychiatric interview in officer selection.
 (Edited by John Rickman)
 British War Office, Misc. Report #148 Apr. 1944
- 172. Treatment of shock in combat.

 N. E. Bear

 Pacific Fleet Medical News Vol. II, #1, Oct. 1945
- 173. Use of Rorschach technique and the Wechsler-Bellevue scale in defining chronic mental changes resulting from diffuse cerebral damage, OEMcmr-148.

 L. R. Hewson and K. N. Levine
 Report #35 (abstracted), Comm. Neurosurgery 22 May 1944
- 174. Use of the reduction time of the blood as a measure of physical fitness in health and disease. Final report, OEMcmr-402.
 G. B. Ray
 Filed with: Reports, Comm. Conval. and Rehab. 27 Sept. 1944

- 175. Use of the reduction time of the blood as a measure of physical fitness in health and disease. Supplementary report, OEMcmr-402.

 J. R. Johnson
 Filed with: Reports, Comm. Conval. and Rehab. undated (rec'd NRC-CMR 29 Jan. 1946)
- 76. Use of the Wechsler-Bellevue Scale and the Substitution Test as aids in neuropsychiatric diagnosis. Final report, Part II, OEMcmr-148.

 I. R. Hewson
 Filed with: Reports, Comm. Neurosurgery undated (rec'd NRC-CMR 18 June 1946)
- 177. War neuroses in North Africa. The Tunisian campaign, January May, 1943.
 R. M. Grinker and J. P. Spiegel
 War Dept., NATO September, 1943
- 178. When specialist help is sought.

 British War Office, Army Med. Dept. Bull., Suppl. #14 May 1944
- 179. Year's follow-up studies of one hundred Army psychiatric cases.

 Part II. Final report, OEMcmr-65.

 Ebaugh, Morgan and Short

 Filed with: Reports, Comm. Psychiatry, July 1943
- 180. Year's follow-up studies of one hundred enlisted men. Part I. Final report, OEMcmr-65.
 Ebaugh, Morgan and Short
 Filed with: Reports, Comm. Psychiatry, July 1943

H. Psychotherapy

- l. Analysis of combat nightmares: Emotional-psychologic aspects.
 J. M. Nagle
 Pacific Fleet Medical News Vol. II, #2, Nov. 1945, pp. 1-4
- 2. Blast concussion syndrome.

 J. W. Lyons, Jr.

 Pacific Fleet Medical News Vol. I, #3, Dec. 1944, pp. 1-3
- 3. Insulin for rehabilitation.

 H. M. Fox
 Pacific Report #12 undated (rec'd NRC-CMR 20 June 1945)
- 4. Introduction to physical methods of treatment in psychiatry.
 William Sargant and Eliot Slater
 Misc. File Britain, undated (rec'd NRC-CMR 28 Oct. 1944)
- 5. Investigation of psychological disorders in flying personnel by unit medical officers.
 C. P. Symonds and Denis Williams
 FPRC Report #412(K) 14 Feb. 1945
- 6. Miscellaneous interviews on medical practice and research in Germany.

 McCarthy, Schlumberger and Bucky

 War Dept., Combined Intelligence Objectives Subcomm. Report #73
 undated (rec'd NRC-CMR 23 Oct. 1945)
- 7. NP problem
 Navy Dept., Bur. Med. and Surg. 23 June 1944
- 8. Prevention, recognition and treatment of acute psychiatric breakdowns
 in combat.
 S. P. Hunt
 Pacific Fleet Medical News Vol. I, #9, June 1945, pp. 1-6
- 9. Psychiatric experiences of the Eight Air Force. First year of combat (July 4, 1942 July 4, 1943).

 Hastings, Wright and Glueck
 War Dept., Air Forces, Misc. Aug. 1944
- 10. Psychological aspects of convalescence.

 Brodman, Mittelmann and Wolff
 Report #5, Comm. Convalescence and Rehabilitation 15 Aug. 1944
- 11. Report of a conference on psychiatry in forward areas (held at Calcutta Aug. 8-10, 1944).

 Indian Report #15 undated (rec'd. NRC-CMR 28 Dec. 1944)
- 12. Report of special commission of civilian psychiatrists covering psychiatric policy and practice in the U. S. Army Medical Corps, European Theater, 20 April to 8 July 1945.
 War Dept., SGO undated (rec'd NRC-CMR 28 Sept. 1945)
- 13. Studies in psychiatric rehabilitation of discharged service men. Final report, OEMcmr-386.

 T. A. C. Rennie
 Report #5 (abstracted), Comm. Psychiatry 17 Oct. 1944.

I. Rorschach Test

- 1. Effects of chronic intermittent anoxia in man. VIII. Psychiatric
 aspects. Final report, OEMcmr-113.
 H. T. Carmichael et al
 Special CAM Report undated (rec'd NRC-CMR 30 June, 1944)
- 2. Group Rorschach method. Report on its relation to R.A.A.F. selection problems.
 Buckle, Fraser and Cook
 Report, Comm. Flying Personnel Research, RAAF FR 65, undated (rec'd NRC-CMR 1 Aug. 1944)
- 3. Modification of the Rorschach method for use as a group test.
 M. R. Harrower-Erickson and M. E. Steiner
 Misc. Canadian Aviation Report #130, undated
- 4. Psychiatric aspects of effort syndrome.
 W. D. Ross
 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944,
 Vol. V, Appendix C
- 5. Qualitative study of individual and group Rorschach records in relationship to subjects' performance at I.T.S., E.F.T.S. and S.F.T.S.
 G. M. Stephens
 Proc. Assoc. Comm. <u>Aviation</u> Med. Research, NRCC 4 April 1945, Appendix U
- Special summary report on the Rorschach personality test. Memo accompanying OSRD report OEMcmr 224.
 C. P. Seitz and M. Hertzman
 Special Report, CAM undated (rec'd NRC 4 Dec., 1943)
- 7. Study of personality of normal young men maintained on restricted intakes of vitamins of the B complex. OEMcmr-27.

 Brozek, Guetzkow and Keys (Ancel Keys)

 Filed with: Reports, Comm. Med. Nutrition 1 Aug. 1945
- 8. Study of the causes of posttraumatic headache and posttraumatic psychoneurosis.
 W. D. Ross and F. L. McNaughton
 Proc. Comm. Surgery, NRCC (Section on Traum. Inj. Nervous System)
 2 Dec. 1943, Appendix IV-A and Section IV
- 9. Use of certain psychological tests as an aid to the diagnosis of psychiatric disorders.
 J. G. Sheps
 Proc. Assoc. Comm. Army Med. Research, NRCC 27 April 1945, Vol. 3, Appendix L

LVI. RADAR

- 1. AAF Board tests use of radar with corner reflectors. Navy Dept.,
 Coast Guard, Air Sea Rescue Bull., Vol. II, #4 Dec. 1945, pp. 44-45
- 2. Apparatus for mechanical P. P. I. simulation.
 K. J. W. Craik
 FPRC #586(a) Appendix III April 1945
- 3. Application instructions: Recording Unit for Trainer BC-1070-A (Master).

 NDRC Report 9 Oct. 1944
- 4. Atmospheric conditions in Radar room.

 D. H. K. Lee
 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 42,
 13 Nov. 1943
- 5. Carlsbad Army Air Field, New Mexico, experimental psychomotor selection test battery for radar students.

 Glen Finch
 War Dept., Air Forces. Randolph Field #464 (1) 24 Jan. 1946
- 6. Development of final achievement examinations for Navy search-radar operators.
 D. B. Lindsley et al.
 NDRC Report, OSRD #4635 27 Jan. 1945
- 8. Documents and equipment obtained during investigation of German x-ray and associated industries.
 C. B. Horsley
 War Dept., Combined Intelligence Objectives Subcomm. Report #57 30 July 1945
- 9. Effect of extraneous illumination upon detection of signals on an A-scan oscilloscope.

 D. E. Lindsley et al

 NDRC Report, OSRD #4264 18 Oct. 1944
- 10. Faulty perception caused by blank spells without signals during experiments on prolonged visual search.

 N. H. Mackworth

 FPRC #586(a) April 1945

Radar

- 12. Improved indicator scale A.S.V. equipment.

 John Lane

 Report, Comm. Flying Personnel Research, RAAF FR 94, July 1944
- 14. Langley Field, Virginia, experimental psychomotor selection battery
 for radar students.
 Glen Finch
 War Dept., Air Forces, Randolph Field #355 (1) 24 Jan. 1946
- 15. Loran (long range navigational aid).

 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. III, #3 Mar.
 1946, pp. 42-47
- 16. Low altitude radar bombing, A manual for the airbomber.

 A. L. Baldwin

 NDRC Report 15 Oct. 1944
- 17. Note on visit to Psychological Laboratory, Cambridge. Report No. 518
 P. A. P. Moran
 Australian Scientific Research Liaison 12 Nov. 1943
- 18. Notes on the clock test a new approach to the study of prolonged visual perception to find the optimum length of watch for radar operators.

 N. H. Mackworth
 Report, Comm. Flying Personnel Research FPRC 586, May 1944
- 19. Physical standards for selection of radar operators.
 J. L. Matthews
 War Dept., Air Forces, Randolph Field #167 (1) 20 July 1943
- 20. Physikalaisch Technische Reichsanstalt.

 R. H. Ranger

 War Dept., Combined Intelligence Objectives Subcomm. Report.

 #78 June 1945
- 21. Plan for fire control research and development.

 F. S. Brackett

 Armored Med. Research Lab. 15 Oct. 1945
 - 22. Preparation of G.C.A. workbook and accessory training material for instruction in the operation of Ground Control Approach equipment.
 D. B. Lindsley
 NDRC Report 8 Nov. 1944

- 23. Psychological aptitudes involved in operating the AN/APS-15 radar equipment.

 J. S. Brown
 War Dept., Air Forces, Randolph Field #329 (1) 11 Dec. 1944
- 24. Radar.
 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. III, #4 Apr. 1946, pp. 1-12
- 25. Radar trainer and flash-reading method for operators of the plan position indicator.

 D. B. Lindsley et al

 NDRC Report, OSRD #4489 23 Dec. 1944
- 26. Radio for rescue. What we have learned from the war.

 E. M. Webster

 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. III, #3 Mar.

 1946, pp. 35-39
- 27. Report from National Standards Laboratory, 20 April 1944.

 Report, Comm. Flying Personnel Research, RAAF FR 83(b),
 undated (rec'd NRC-CMR 13 April 1945
- 28. Report from National Standards Laboratory, 31/8/44. (Visual fatigue, goggles, night vision.)

 Report, Comm. Flying Personnel Research, FPRC, RAAF FR 99(a),
 31 Aug. 1944
- 29. Report on inspection of tropical radar stations.
 Giovanelli, Fraser and Mathieson
 Misc. File Britain, 14 Nov. 1944
- 30. Report on inspection of tropical radar stations.

 R. G. Giovanelli et al

 Report, Comm. Flying Personnel Research, RAAF FR 101F,
 undated (rec'd NRC-CMR 28 April 1945)
- 31. Report on the illumination of radar operations rooms and the fatigue of radar operators.

 Mathieson, Mercer, and Giovanelli

 Miscellaneous File Britain, June 1944
 - 32. S.A.M. check-list dial setting test.

 Glen Finch

 War Dept., Air Forces, Randolph Field #463 (1) 22 Jan. 1946
 - 33. S.A.M. control sequence memory test.

 Glen Finch
 War Dept., Air Forces, Randolph Field #461 (1) 21 Jan. 1946
 - 34. S.A.M. drift correction test.

 Glen Finch
 War Dept., Air Forces, Randolph Field #462 (1) 22 Jan. 1946

Radar

- 35. S.A.M. speed of manipulation test.

 Glen Finch

 War Dept., Air Forces, Randolph Field #460 (1) 29 Dec. 1945
- 36. Selection of fire controlmen (0), rangefinder and radar operators.

 D. C. Beier et al

 NDRC Report, OSRD #4861 26 March 1945
- ✓ 37. Some possible causes of eyestrain among Radar operations.

 K. J. W. Craik and S. J. Macpherson

 Medical Research Council, Misc. 8 Nov. 1943
 - 38. Study of visual mechanisms in relation to military medicine and development of instruments to improve efficiency of air crews and other military personnel. OHMcmr-209
 H. K. Hartline and L. J. Milne
 CAM Report #504 30 March 1946
 - 39. Use of the PPI flash-reading trainer in training Navy search-radar operators.

 D. B. Lindsley

 NDRC Report, OSRD #4831 20 March 1945
 - 40. Validational study of oscilloscope operator tests.

 I. H. Anderson et al

 NDRC, OSRD Report #3712 24 April 1944
 - 41. Vision as related to proficiency in oscilloscope operation.

 D. B. Lindsley et al

 NDRC, OSRD report #3409 24 Feb. 1944
 - 42. Visual status of ASV radar operators.

 D. B. Lindsley et al

 NDRC, OSRD report #3443 20 March 1944

LVII. RADIOACTIVE

- 1. Circulating red cell volume in shock; blood preservation. Interim
 report, OEMcmr-131.
 Aub, Evans and Gibson
 Report #32, Comm. Shock 5 May 1944
- 2. (1) Circulating red cell volume determined by radioactive iron in experimental shock in dogs. (2) Post-transfusion survival of preserved stored human erythrocytes, as determined by radioactive iron. Part of final report, OEMcmr-131. Gibson, Evans and Aub Filed with: Reports, Comm. Blood Substitutes 31 Dec. 1945
- 3. Circulatory response to therapeutic measures, including blood substitutes and preserved red cells, in experimental shock. Development of methods of preserving and storing red cells or whole blood for transfusion, and evaluation of such methods by means of measuring survival of cells after transfusion by means of radioactive iron. Annual report, OEMcmr-131.

 Gibson, Aub and Evans
 Filed with: Reports, Comm. Shock 15 July 1944
- 4. Comparison of Alsever's solution and ACD-1 as a preservative of whole blood during unrefrigerated aerial transportation to the Eastern Operations Theater. Interim report No. 4, OEMcmr-131. Gibson, Evans and Aub Filed with: Reports, Comm. Shock 8 Jan. 1945
- 5. Conference on metabolic aspects of convalescence including bone and wound healing. Fourth meeting, Josiah Macy Foundation, June 11-12, 1943.

 Filed with: Reports, Comm. Surgery, 11-12 June 1943
- 6. Development of a method for determining red cell volume by means of radioactive iron and its application to the problem of shock. FSA; OEMcmr-131.
 J. G. Gibson and R. D. Evans
 Filed with: Reports, Comm. Shock undated (rec'd NRC-CMR 8 Oct. 1945)
- 7. Development of a method of determining the circulating red cell volume by means of radioactive iron and its application to the study of shock and blood transfusion. Final report Nov. 1, 1941 to June 30, 1942, OEMcmr-131.

 J. G. Gibson et al
 Filed with: Reports, Comm. Shock undated
- 8. Development of methods of preserving and storing red cells or whole blood for transfusion, and evaluation of such methods by means of measuring survival of cells after transfusion by means of radioactive iron. Annual progress report, OEMcmr-131. Gibson, Aub and Evans Filed with: Reports, Comm. Shock 18 Aug. 1945

Radioactive

- 9. Development of technique for measuring saturation and desaturation curves by the use of long-period radio-active argon at atmospheric pressure. Final report, OEMcmr-392.

 R. D. Evans et al
 Filed with: Reports, Comm. Decompression Sickness 15 May 1944
- 10. Development of technique for measuring saturation and desaturation curves by the use of long-period radioactive argon at atmospheric pressure. Final report, OEMcmr-392.

 R. D. Evans et al

 CAM Report #347 15 Aug. 1944
- 11. Experiments on dogs with radioactive inert gases. S. F. Cook and W. N. Sears (Lawrence Project) CAM report #131 - May 17, 1943
- 12. In vitro preservation and post transfusion survival of erythrocytes.

 Final report OEMcmr-372.

 J. F. Ross
 Filed with: Reports, Comm. Blood Subst. undated (rec'd NRC-CMR 9 May 1946)
- 13. Measurement of post-transfusion survival of preserved stored human erythrocytes by means of two isotopes of radioactive iron. Part of final report OEMcmr-131.

 J. G. Gibson et al
 Filed with: Reports, Comm. Blood Subst. undated (rec'd NRC-CMR 9 May 1946)
- Measurements of gaseous exchange in connection with aviation and deep sea diving by techniques employing radioactive substances.
 I. On the theory of blood-tissue exchanges of inert gases.
 R. E. Smith and M. F. Morales
 Naval Med. Research Inst. Project X-43, report #1 8 May 1944
- Measurements of gaseous exchange in connection with aviation and deep sea diving by techniques employing radioactive substances.
 II. Circulation and inert gas exchanges at the lung.
 M. F. Morales and R. E. Smith
 Naval Med. Research Inst. project X-43, report #2 29 July 1944
- 17. Mechanism of cell conglutination. Final report, Nov. 1, 1945 Jan. 1, 1946, OEMcmr-509.

 Johannes Vogelaar

 Filed with: Reports, Comm. Blood Subst. 25 Feb. 1946

- 18. Mechanism of shock from burns and trauma traced with radiosodium.
 OEMcmr-230.
 C. L. Fox Jr., and A. S. Keston
 Report #54 (abstracted), Comm. Shock 15 Nov. 1943
- 19. Minutes of Conference on Pulmonary Edema.
 Report #4, Comm. Medicine 28 April 1944
- 20. Modified electroscope especially suited for measuring substances with low energy radiation. OEMcmr-21.

 Jacob Fine
 Filed with: Reports, Comm. Shock undated
- 21. Post-transfusion survival of preserved human erythrocytes stored as whole blood or in resuspension, after removal of plasma, by means of two isotopes of radioactive iron. Part of final report, OEMcmr-131.

 J. G. Gibson et al
 Filed with: Reports, Comm. Blood Subst. undated (rec'd NRC-CMR 9 May 1946)
- 22. Post-transfusion survival of whole blood in ACT-1 after refrigerated transportation and subsequent refrigerated storage. Interim report no. 3, OEMcmr-131.

 Gibson, Evans, and Aub
 Filed with: Reports, Comm. Shock 18 Dec. 1944
- 23. Preparation and use of radioactive dibromo diphenyl trichlorethane. Final report, OEMcmr-546.
 R. Craig and W. M. Hoskins
 Report #169, Comm. Insect Control 31 Dec. 1945
- 24. Preparation of a globin from erythrocytes. Final report, OEMcmr-44.
 M. M. Strumia
 Report #31, Comm. Blood Subst. 13 July 1944
- 25. Preparation of cystine, methionine, and homocystine containing radioactive sulfur. OEMcmr-21.

 Jacob Fine
 Filed with: Reports, Comm. Shock 11 June 1943
- 26. Production of radioactive plasma protein from amino acids containing radioactive sulfur. OEMcmr-21.

 Jacob Fine
 Filed with: Reports, Comm. Shock undated
- 27. Proximo-distal fluid convection in nerves, demonstrated by radioactive tracer substances. OEMcmr-221. Paul Weiss et al Report #23 (abstracted), Comm. Neurosurgery - 29 Jan. 1944

Radioactive

- 28. Quantitative analyses of antimony. I. Evaluation of Maren's modification of Webster's Rhodamine-B method by means of radioantimony.

 Hallman, Spear and Cowie
 Naval Med. Research Inst. Project X-514(1), 25 April 1945
- 29. Report on blood preservation.

 0. F. Denstedt

 Proc. Exec., Comm. Shock & Blood Subst., NRCC 16 Mar. 1944
- 30. Report on the work done at the Barnato Joel Laboratories, Meddlesex Hospital on the concentration of radioactive substances in work places and the bodies of operators in the luminising industry.

 L. Russ

 Medical Research Council, Miscellaneous 26 October 1943
- 31. Shock (crush syndrome). Final report OEMcmr-536.

 I. H. Page
 Filed with: Reports, Comm. Shock undated (rec'd NRC-CMR 9 May 1946)
- 32. Solubilities of gases in water and oils. OEMcmr-196.
 F. H. Turpin et al
 CAM Report #455 July 1945
- 33. Soviet Medical Chronicle August, 1944.
 U.S.S.R. File Report #7 undated (rec'd. NRC-CMR 25 Oct. 1944)
- 34. Studies on the uptake and elimination of radio-active inert gases in the arterial and venous blood of dogs.
 J. B. Mohney and Morgan Harris
 CAM Report #242 10 Dec. 1943
- 35. Study of the problem of the "lost plasma" in hemorrhagic shock by the use of radioactive plasma proteins. OEMcmr-21.

 Jacob Fine
 Filed with: Reports, Comm. Shock undated
- 36. Summary of papers 1, 2, 3, 4, 5 Annual report to O.S.R.D. from Contract OEMcmr-21.

 Fine, Seligman and Goldberg
 Filed with: Reports, Comm. Shock undated
- 37. Survival of transfused preserved human red cells as determined by radioactive iron. OEMcmr-44.

 M. M. Strumia
 Report #27, Comm. Blood Subst. 26 June 1944
- 38. Technique of production of radioactive inert gases. OEMcmr-196.

 J. G. Hamilton and C. A. Tobias

 CAM Report #400 15 Dec. 1944

Radioactive

- 39. Treatment of eustachian salpingitis with radon E. P. Fowler Jr. War Dept., Amer. Med. Soc., ETO 18 August 1943
- 40. Uptake of radioactive phosphorus (P32) in rapidly regenerating tissue, and in normal tissue, in the human subject. OEMcmr-195.
 L. W. Kinsell
 Report #21 (abstracted), Comm. Infected Wounds and Burns 28 April 1944
- 41. Use of BAL containing radioactive sulphur for metabolism investigations. Professor Peters report no. 94.

 G. H. Spray et al

 Ministry Supply, Subcomm. Biochemical, Chemical Board -A.9841, undated (rec'd NRC-CMR 19 Dec. 1945)

LVIII. RATIONS

- A. Arctic Rations
- B. Bail-out Rations
- C. Flight Rations
- D. Shipwreck Rations
- E. Tropical Rations

A. Arctic Rations

- 1. Cold weather operational trials of rations. Conducted at Prince Albert, Saskatchewan, Canada, January 2nd to March 3rd, 1944. Canadian Dept., Nat'l. Defence, Cold Weather Trials Report Vol. I, undated. (rec'd NRC-CMR 16 Feb. 1945)
- 2. Food intake and water balance in extreme cold. Harold Speert War Dept., Air Forces, ENG-M-49-696-29B, February 9, 1943
- 3. Fuels, arctic for heating rations.
 W. R. Christensen
 War Dept., OQMG, Climatic Research Lab., report #84 30
 June 1944
- 4. Medical aspects of R.A.F.polar research flights.
 R. H. Winfield
 FPRC Report #663 Jan. 1946
- 5. Narrative report of cold weather trials of rations.

 Canadian Dept., Nat'l. Defence, Cold Weather Trials ReportVol. 2, undated.
- 6. Problems exposed during the Alaskan test expedition. Copy of report on flight equipment and clothing made by S/L Peter Webb of the Royal Canadian Air Force.

 Filed with: Reports, Comm. Protective Clothing NRCC October 20, 1942
- 7. Rations and equipage.

 Canadian Dept. Nat'l. Defense, Cold Weather Trials Report,

 1943-44 Stage 3, Vol. I, undated (rec'd. NRC-CMR 5 Aug. 1944)
- 8. Rations for cold weather operations.

 H. Speert
 War Dept., Air Forces, ENG-M-49-696-29C, March 2, 1943
- 9. Rations for winter warfare.
 Ancel Keys
 Filed with: Reports, Comm. Med. Nutrition March 13, 1943
- 10. Ration trials. Prince Albert Sask.

 Robert Kark and J. F. McCreary

 Royal Canadian Army, Report #11 15 April 1944
- 11. Report of A.M.D. 10 Research Sub-directorate of D.G.M.S. to the National Research Council, annual meeting March 20, 1944.
 D. S. McEachern
 Proc. Assoc. Comm. Army Med. Research, NRCC 20 Mar. 1944, Appendix A
- 12. Report of Cold Weather Test Detachment Winter of 1942-1943. Vols.
 I and II.
 Various authors
 War Dept., Air Forces, Miscellaneous

Rations, Arctic

- 13. Report on blocks compounded from dehydrated foods and suitable for use in compact rations.

 M. Ingram and O. de Rousset-Hall

 Dept. Scientific & Indust. Research, Food Investigation undated (rec'd NRC-CMR 9 Feb. 1945)
- 14. Report on the U. S. Army Alaskan test expedition, 1942.

 S/L P. W. Webb

 Filed with: Comm. Protective Clothing, NRCC August 14, 1942
- 15. Scientific and operation data; cold weather trials of rations.

 Canadian Dept. Nat'l Defence, Cold Weather Trials Report
 Vol. 3, undated (received NRC-CMR 16 Feb. 1945)
- 16. 1. Test of adequacy of all combat zone rations intended for use in sub-zero climates. 2. Study of the total and specific dietary requirements for cold weather. 3. Test of adequacy of all combat zone ration intended for use in operations at high temperatures. 4. Study of total and specific dietary requirements for operations at high temperatures. First partial report on

 W. B. Bean
 Armored Med. Research Lab. 10 April 1944
- 17. U. S. Army field ration K. Caloric equivalents of cold weather supplements. Filed with: Reports, Comm. Med. Nutrition - May 14, 1942
- 18. Winter test trials held in Canada and Newfoundland,
 R. M. Kark
 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944,
 Vol. IV, Appendix B

B. Bail-out Rations

- 1. Bail-out emergency equipment.
 H. Speert
 War Dept., Air Forces, ENG-M-49-696-37, 17 April 1943.
- 2. Bomber Command develops kit for overwater flights.
 Navy Dept., Coast Guard, Air Sea Rescue Bull. #4 October 1944. p.20.
- 3. British air/sea rescue.
 Navy Dept., Emergency Rescue Equipment Section Aug. 1943.
- 4. Conference on the Bail-out ration.
 D. B. Dill
 War Dept., Air Forces, ENG-M-49-696-19J, 17 March 1943.
- 5. Conference on the bail-out ration. Apenndix I: Tin cans for bail-out ration. R. B. Melson.
 D. B. Dill
 War Dept., Air Forces, ENG-M-49-696-19J, 17 March 1943.
- 6. Food Water. Timely notes on an important subject by BuMed's Research Division.

 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. III, #2,
 February 1946. pp. 37-39.
- 7. Kit, emergency, parachute type.
 G. E. Hall
 Proc. Exec., Assoc. Comm. Aviation Med. Research, 28 April 1941,
 Appendix A.
- 8. Personnel equipment problems in ETOUSA and NATOUSA. Appendix 8:
 Rations and water in the 8th Air Force. Major J. J. Smith
 A. P. Gagge
 War Dept., Air Forces, ENG-49-695-34, 20 Sept. 1943.
- 9. Progress report on nutritional studies.
 F. F. Tisdall
 Min. Exec., Assoc. Comm. Aviation Med. Research, NRCC, 15 Feb. 1942,
 Appendix A.
- 10. Rations for the parachute kit.

 D. B. Dill

 War Dept., Air Forces, Materiel Div.-EXP-M-49-696-19D.
- 12. Report of ditching incident by U.S.A.A.F. ferry command pilot. (South Atlantic area).

 Navy Dept., Emergency Rescue Equipment Section undated (rec'd. NRC-CMR -22 Oct. 1943).

Rations, Bail-out

- 13. Report of meeting of Subcommittee on Protective Clothing. Specifications for new RCAF equipment, emergency kits, fabrics, flying clothing and equipment.

 Proc. Exec., Assoc. Comm. Aviation Med. Research 3 December 1942, Appendix A.
- 14. Tablet emergency ration for lifeboats, rafts and floats.
 Futcher, Consolazio, Pace, and Gerrard
 Naval Med. Research Inst., Project X-127, report #4 10 Nov. 1943.

C. Flight Rations

- 1. Analysis of a captured Japanese aviation pilot's ration.
 War Dept., OQM.G, Captured Enemy Equip. Report #60 14 Oct. 1944
- 2. Comparison of U. S. Army subsistence items and Russian subsistence items. War Dept., OQMG 27 Jan. 1945
- 3. Nutritional and bacteriological evaluation of the Maxson Sky Plate.
 Haugen, Sullivan and Duggan
 Naval Med. Research Inst. Project X-169(2), 25 Aug. 1945
- 4. Nutritional research in the Royal Canadian Navy.
 J. Campbell et al
 Proc. Assoc. Comm. Naval Med. Research 7 Oct. 1943, Appendix A
- 5. Nutrition and rations.
 Z. T. Wirtschafter
 War Dept., Air Forces, TSEIA-3-696-73, 23 April 1945
- 6. Report on samples of concentrated foods and rations from U.S.S.R. C. M. McCay and R. E. Eakin Naval Med. Research Inst., NH6-1/All/NMRI-21, 27 Mar. 1944
- 7. Vitamin content of naval flight rations as affected by their method of cooking.

 R. E. Eakin and E. Gerrard

 Naval Med. Research Inst. Project X-169, report #1 16 October, 1943.

D. Shipwreck Rations

- l. Conference on the life raft ration.
 D. B. Dill
 War Dept., Air Force, Materiel Div. ENG-M-49-696-191, March 12, 1943
- 2. Fish juice, emergency lifeboat ration and castaway's extra-renal water loss. Interim report OEMcmr-364.
 A. M. Butler
 Filed with: Reports, Comm. Clin. Invest. 7 Dec., 1943
- 3. Food Water. Timely notes on an important subject by BuMed's Research Division.
 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. III, #2 Feb. 1946. pp. 37-39
- 4. Guide to the preservation of life at sea after shipwreck. Comm. Shipwrecked Personnel, M.R.C. War Memo #8, 1942
- 5. Guide to the preservation of life at sea after shipwreck. (Draft copy) Report, Comm. Shipwrecked Personnel S.P. 35
- 6. Life raft ration
 J. M. Quashnock.
 War Dept., Air Forces, ENG-49-696-19L, June 24, 1943.
- 7. Life raft rations.

 G. W. Holt

 Navy Dept., Emerg. Rescue Equipment Section Bi-Weekly Report #8,

 26 Jan. 1944.
- 8. Life raft rations tests report.

 Ancel Keys and A. F. Henschel
 War Dept., Air Forces, Wright Field 26 April 1944
- 9. Life rafts and equipment. Report of experiments carried on at Eglin Field from April 15 to 20, 1943.

 Harvard Fatigue Lab. Report #68 27 May 1943
- 10. Life saving in H. M. naval service. Rations, equipment, life floats. Filed with: Reports, Comm. Shipwrecked Personnel, MRC October 16, 1942
- 11. Navy tablet ration developed by NMRI.

 Navy Dept., Coast Guard, Air Sea Rescue Bull. #4 Oct. 1944, pp. 18-19
- 12. Nutritional research in the Royal Canadian Navy.

 J. Campbell et al

 Proc. Assoc. Comm. Naval Med. Research 7 Oct. 1943, Appendix A
- 13. Outline of the work of the Medical Research Council Committee on the Care of Shipwrecked Personnel on water requirements and supplies. Filed with: Reports, Comm. Shipwrecked Personnel, M.R.C.
- Physiological aspects of survival and rescue.

 Navy Dept., Coast Guard, Air Sea Rescue Bull. #6 Dec. 1944, pp. 2-4,

 16-18

- 15. Rations, life raft.

 Laurence Irving

 War Dept., Army Air Forces Board 24 Nov. 1944, Report #4
- 16. Recommendations regarding "abandon ship rations".

 Consolazio, Futcher and Pace
 Naval Med. Research Inst., project X-100 (general 15),
 report #11 14 May, 1943
- 17. Report made by Mr. Edge, Chief Officer of M. S. "Medon". Account of shipwreck and subsequent experiences. Food, water, heat, first aid. Filed with; Reports, Comm. Shipwrecked Personnel, MRC September 28, 1942
- 18. Report of naval observer at trials of aircraft life raft rations and equipment conducted by Wright Field personnel at Eglin Field, Florida, April 15 through 21, 1943.

 P.H. Futcher
 Naval Med. Research Inst. April, 1943
- 19. Report on nutrition. January 1942 to January 1943.

 J. Campbell
 Proc. Assoc. Comm. Naval Med. Research January 30, 1943, Appendix N.
- 20. Report on survivors of S.S. Rio Blanco and Pipestone County seen in the U.S. Marine Hospital, Norfolk, Virginia. Immersion foot, water, rations, vitamins, cold.

 J.C. White.

 Filed with: Reports, Comm. Clin. Invest. undated (rec'd NRC July 5, 1942)
- 21. Revised report by Food and Water Subcommittee.

 Report, Comm. Shipwrecked Personnel S.P. 12a.
- 22. Studies on life raft ration, prevention of excessive water loss and rehydration of castaways. Final report, OHMCMT-364.

 A. M. Butler et al
 Filed with: Reports, Comm. Medicine 11 June 1946
- 23. Survivor accounts. Seaman Manning Clagett's account and related comment.

 Navy Dept., Coast Guard, Air Sea Rescue Eull. #1 June, 1944,

 pp. 12-13
- 24. Tablet emergency ration for lifeboats, rafts and floats. Futcher, Consolazio, Pace, and Gerrard
 Naval Med. Research Inst., Project X-127, report #4 10 November, 1943
- 25. "Tablet life ration" for the shipwrecked.
 A. C. Ivy
 Naval Med. Research Inst., project X-100 (general 15); report #13 8 June 1943

E. TROPICAL RATIONS

- 1. Adequacy of the vitamin C content of modified E-ration for men working
 in the tropics.
 Johnson, Harris, and Belding
 Harvard Fatigue Lab. report #33 (#12 to OSRD) 28 July 1942
- 2. Australian soldiers' complete jungle kit. Appx. "A" L.H.Q. Australian Jungle Warfare Letter No. 1, Part 2.

 Australian file 25 Aug. 1943
- 3. Committee on Jungle Clothing. Meeting held 18 October 1943 Research and Development Branch, Military Planning Division, OQMG. War Dept., OQMG, Comm. Jungle Clothing 18 Oct. 1943
- 4. Effect of storage at 40° C. on the content of B-complex vitamins in components of the U. S. Army "5 in 1" desert ration.
 H. G. Loeb, A. Keys, et al
 Filed with: Reports, Comm. Med Nutrition April 12, 1943
- 5. Employment, development and production of equipment for war against
 Japan. Part 9 General: dropping of supplies by parachute, special rations, tentage, water transport (small craft) etc.
 Australian file undated
- 6. Employment, development, and production of equipment for war against Japan. Part 7 Medical: casualty evacuation; prevention of malaria; storage of equipment; items in particular demand; dropping of supplies from aircraft.

 Australian file undated (rec'd NRC-CMR 15 Dec. 1943)
- 7. Extracts from Jungle Warfare Liaison Letter No. 4. Conditions in S. W. Pacific. Food preparation; water; headware; camouflage; operational rations.

 H. G. Edgar

 Australian File Nov. 1943
- 8. Extracts from the latest Australian Jungle Liaison Letters. Footwear, equipment, rations.

 Australian File 16 Oct. 1943
- 9. Jungle book. Military Training Pamphlet No. 9 (India). Indian Report #19 Sept. 1943
- 10. Jungle omnibus. Army in India Training Memorandum. Indian Report #20 January 1945
- ll. Medical services in the South Pacific area.
 J. M. Twhigg
 New Zealand File 16 Oct. 1943
- 12. Minutes of the 60th meeting of the Army Hygiene Advisory Committee held at the Royal Army Medical College on Friday, February 18th, 1944.

 British War Office, Army Hygiene Advisory Comm. 25 Aug. 1944

- 13. Notes on a brief visit to China. Section J: British medical service, Calcutta area.

 Wilder Penfield

 Proc. Comm. Surgery, NRCC 1 Oct. 1943, Vol. 2, Appendix B.
- 14. Nutritional composition by direct analysis of U. S. Army jungle ration received March 4, 1943.
 Ancel Keys
 Filed with: Reports, Comm. Med. Nutrition April 10, 1943
- 15. Nutritional status of enlisted men in the desert training area.

 R. E. Johnson et al

 Harvard Fatigue Lab. Report #87 (#19 to OQMG) 15 October 1943
- 16. Operational ration (OZ ration).

 Australian file undated
- 17. Report of conferences held June 6th and 9th, 1942, at headquarters Army Ground Forces in connection with the Desert Training Center program.

 War Dept. miscellaneous 6/6/42.
- 18. Report on blocks compounded from dehydrated foods and suitable for use in compact rations.
 M. Ingram and O. de Rousset-Hall
 Dept. Scientific & Indust. Research, Food Investigation undated (rec'd NRC-CMR 9 Feb. 1945)
- 19. Report on test of adequacy of K-2 ration in the desert.
 W. B. Bean
 Armored Force Med. Research Lab. Oct. 22, 1942
- 20. 1. Test of adequacy of all combat zone rations intended for use in sub-zero climates. 2. Study of the total and specific dietary requirements for cold weather. 3. Test of adequacy of all combat zone ration intended for use in operations at high temperatures.

 4. Study of total and specific dietary requirements for operations at high temperatures. First partial report on W. B. Bean
 Armored Med. Research Lab. 10 April 1944
- 21. Tropical rations Australian Military Forces. E. W. Benjamin Canadian Dept. Nat'l Defence - 23 Nov. 1944
- 22. Typical load carried by soldier in action in jungle (in addition to clothing worn).

 Australian file Oct., 1943
- 23. User trial establishment report No. 12.
 R. M. Kark
 Misc. Canadian Report #128 10 Apr. 1945

LIX. REHABILITATION

- A. Convalescence
- B. Occupational Therapy

LIX. REHABILITATION

- Amputations outline of treatment as given by the British Ministry of Pensions.
 A. Bell.
 Proc. Comm. Surgery. NRCC January 9, 1943. Appendix 0.
- 2. Arrangements for disposal of men with neurotic disabilities by transfer to suitable employment on discharge from certain hospitals or Neurosis Centres.
 C. D. Moorhead.
 British War Office, Misc. Report, No. 138 20 May 1941.
- 3. British-American-Canadian surgical mission to the U.S.S.R. Military Hospitals. Section I: Hospital for lightly wounded. Wilder Penfield.

 Proc. Comm. Surgery, NRCC 1 Oct. 1943, Vol. 2, Appendix A.
- 4. British-American-Canadian surgical mission to the U.S.S.R. Section A(2): Final interview with the People's Commissar for Public Health.

 Wilder Penfield.

 Proc. Comm. Surgery, NRCC 1 Oct. 1943, Vol. 2, Appendix A.
- 5. Chance for misfits.
 Army Med. Dept. Bull. No. 30, Dec. 1943, pp. 6-7.
- 6. Current Army Council instructions relating to rehabilitation in convalescent depots.

 British War Office, Misc. Report No. 139 undated (rec'd NRC-CMR, 3 Apr. 1944).
- 7. Early activity of postoperative patients.
 J. H. Powers.
 Report No. 2, Comm. Convalescence and Rehabilitation 15 April 1944.
- 8. Experience at Roehampton Hospital with amputations and prosthesis.

 Mr. Perkins, Chief Surgeon.

 Off. Civilian Defense, Vol. Med. Report No. 102 21 August, 1943,
- 9. Experimental forward psychiatric unit.
 R. F. Barbour.
 British War Office, Misc. Report No. 137 Dec. 1943.
- 10. Factors in deterioration and rehabilitation.
 Final report, OEMcmr-413.
 Ancel Keys.
 Filed with: Reports. Comm. Conval. and Rehab. 15 Jan. 1945.
- 11. Field surgery pocket book. Memorandum based mainly on experience in the present war.

 British War Office, Misc. Report No. 169 Jan. 1944.

- 12. Final report on diet and fatigue. OEMcmr-27.
 Ancel Keys et al.
 Filed with: Reports, Comm. Med. Nutrition 1 June 1946.
- 13. Follow-up studies. Project M-704. (Improving education of Selective Service Board personnel). OEMcmr-65.

 D. W. Morgan.
 Filed with: Reports, Comm. Psychiatry undated.
- 14. Follow-up study of enlisted men discharged from the Army because of psychoneuroses.

 War Dept., SGO undated (rec'd NRC-CMR 5 May 1945).
- 15. Follow-up study on 50 rheumatic fever cases in Air Force personnel eight months after the acute attack.
 G. W. Manning.
 Proc. Assoc. Comm. Aviation Med. Research, 22 July 1943 Appendix J. Report No. 2.
- 16. Friends in need.

 British War Office, Army Bur. Current Affairs, "Current Affairs" No. 74. 29 July 1944.
- 17. German medical schools.

 Stewart Duke-Elder et al.

 War Dept., Combined Intelligence Objectives Subcomm. Report No. 84 6 Nov. 1945.
- 18. German military neuropsychiatry and neurosurgery. Leo Alexander. War Dept., Combined Intelligence Objectives Subcomm. Report No. 90 - undated (rec'd NRC-CMR 5 Aug. 1946).
- 19. Germany after the war: A resumé with commentary.
 H. V. Dicks.
 British War Office Misc. Report No. 246 Feb. 1945.
- 20. Hernia and its surgical treatment as related to the Armed Forces.
 P. H. T. Thorlakson.
 Proc. Comm. Surgery, NRCC January 9, 1943, Appendix J.:
 April 1, 1943.
- 21. H. M. S. "Standard" (Kieldar Camp).
 D. Curran.
 Reports, Comm. Psychologists and Psychiatrists P. P. (43),
 24 29 June 1943 (Informal Subcomm).
- 22. Interim report on follow-up of "annexure" cases.

 Report, Services Subcomm., Comm. Psychologists and Psychiatrists PP(SC)(43)(31), 6 Aug. 1943.
- 23. Introduction to physical methods of treatment in psychiatry.
 William Sargant and Eliot Slater.
 Misc. File Britain, undated (rec'd NRC-CLR 28 Oct. 1944).

- 24. Later stages of rehabilitation following experimental starvation in man.

 Ancel Keys et al.

 Filed with: Reports. Comm. Conval. and Rehab. 1 Aug. 1946.
- 25. Manual of casualty retraining..

 Royal Canadian Army Report No. 13 1944.
- 26. Memorandum on the rehabilitation of patients with head injuries.

 Symonds and Cairns.

 Report, Comm. Brain Injuries, LRC-BlCZ, undated.
- 27. Mins. 62nd and final meeting Army Medical Department Consultants'
 Comm. 15 June 1945.
 H. J. Bewsted
 British War Office Misc. Report No. 256 19 June 1945.
- 28. Minutes of the Fifth Conference of Command Specialists in Dermatology, held on 22nd February, 1944.

 British War Office, Misc. Report No. 146 1 March 1944.
- 27. Minutes of the sixth conference of command specialists in dermatology, held on 20th June 1944, in War Office, conference room (No. 115), 39 Hyde Park Gate, London, S. W. 7. British War Office, Misc. Report No. 198 30 June 1944.
- 26. Plotting your course.
 Navy Dept., Bur. Med. and Surg. 1945.
- 29. Post-discharge re-establishment order.
 Misc. Canadian Report No. 89 13 July 1944.
- 30. Post war and post invasion planning.

 Hamilton Southworth.

 Office Civilian Defense, Vol. Med. Report No. 18 23 March 1943.
- 21. Prisoner of war comes home.

 British War Office, Misc. Report No. 161 May 1944.
- 22. Problem of central nervous reorganization after nerve regeneration and muscle transposition: a critical review. OE mcmr-221.

 R. W. Sperry (P. A. Weiss).

 Report No. 59. Comm. Neurosurgery Oct. 1944.
- Prognosis for a return to full flying duties after psychological disorder.
 D. D. Reid.
 FPRC Report No. 555 June. 1947.
- 74. Progress report of advisory groups of the Occupational Therapy Conference, National Research Council.
 M. B. Greene and W. C. Kahmann.
 Filed with: Reports, Comm. Neuropsychiatry (Rec'd NRC 24 February, 1945).

- 35. Progress report on a study of the possibility of providing plastic contact lenses for certain key personnel of the Royal Canadian Navy.

 Shorney, MacDonald, and Best.

 Proc. Assoc. Comm. Naval Med. Research January 30, 1943.

 Appendix E.
- 36. Psychiatric experiences of the Eighth Air Force. First year of combat (July 4, 1942 July 4, 1943).

 Hastings, Wright and Glueck.

 War Dept., Air Forces, Misc. Aug. 1944.
- 37. Psychiatry rehabilitation therapy. OEMcmr-386.
 T. A. C. Rennie.
 Report No. 3 (abstracted), Comm. Psychiatry 29 May 1944.
- 38. Psychiatry after the war with some reference to demobilisation. R. D. Gillespie. Report, Informal Psychological Subcomm., Comm. Psychologists and Psychiatrists - PP(SC)(43)13, 22 Feb. 1943.
- 39. Psychological aspects of the rehabilitation of the limbless.
 E. Wittkower.
 British War Office Misc. Report No. 260 Jan. 1944.
- 40. Psychological reactions in soldiers to the loss of vision of one eye.

 E. Wittkower.

 British War Office Misc. Report No. 259 Feb. 1945.
- 41. Psychological reactions to defeat. A discussion of probable modes of German behaviour.
 H. V. Dicks.
 British War Office Misc. Report No. 254 May 1945.
- 42. Psychotic and neurotic patients, their management and disposition.

 A. W. Kenner.

 War Dept., NATO, Circ. Letter No. 4 22 March 1943.
- 43. Quarterly report No. 3 (July Sept. 1943), by Adviser in Physical Medicine, M. E. F.
 G. D. Kersley.
 British War Office, Misc. Report No. 140 17 Sept. 1943.
- 44. Recent advances in peripheral nerve surgery.

 Frank Turnbull.

 Proc. Section on <u>Traum. Inj. Nervous System</u>, Comm. <u>Surgery</u>

 NRCC 24 Apr. 1944. Appendix A.
- 45. Rehabilitation after injuries to the brain and peripheral nerves.
 Report No. 5.

 J. C. White.
 Filed with: Reports, Comm. Brain Injuries, M. R. C.

- 46. Rehabilitation following experimental starvation in man.
 Ancel Keys et al.
 Filed with: Reports, Comm. Med. Nutrition 15 Jan. 1946.
- 47. Rehabilitation following experimental starvation in man.
 Interim report.
 Ancel Keys et al.
 Filed with: Reports. Comm. Conval. and Rehab. 15 Jan. 1946.
- 48. Rehabilitation schemes in Britain.
 H. Southworth.
 Off. Civilian Defense. Vol. Med. Report No. 108-20 August, 1943.
- 49. Report of a conference on psychiatry in forward areas (held at Calcutta Aug. 8-10, 1944).

 Indian Report No. 15 undated (rec'd NRC-CLR 28 Dec. 1944).
- 50. Report of A.M.D. 10 Research Sub-directorate of D.G.M.S. to the National Research Council annual meeting March 20, 1944.
 D. S. McEachern.
 Proc. Assoc. Comm. Army Med. Research, NRCC 20 Mar. 1944, Appendix A.
- 51. Report on an investigation of the time for union of fractures of the shafts of the tibia and fibula, and of the femur.

 W. D. Coltart.

 FPRC report No. 526 April, 1943.
- 52. Report on survey of aircrew personnel in the Eighth, Ninth, Twelfth, and Fifteenth Air Forces.
 J. C. Flanagan.
 War Dept., Air Forces, Miscellaneous 29 March 1944.
- 53. Report to the Director General of Army Medical Services on tour to Malta, Paiforce, India, by the Consulting Psychiatrist to the Army (December, 1944 March, 1945).

 J. R. Rees.
 British War Office Misc. Report No. 248 April 1945.
- 54. Report to the War Office on psychological aspects of the rehabilitation of repatriated prisoners of war.

 A. T. M. Wilson.

 British War Office. Misc. Report No. 124 Feb. 1944.
- 55. Report to the War Office on psychological aspects of the rehabilitation of the limbless.

 E. Wittkower.

 British War Office, Misc. Report No. 125 Jan. 1944.
- 56. Research project on starvation and nutritional rehabilitation.
 Outline and present status, May 20, 1945.
 Filed with: Reports, Comm. Conval. and Rehab. 5 June 1945.

- 57. Resolutions adopted by the Third Congress of the Council on Hospitals, People's Commissariat of Health, U.S.S.R., regarding the application of exercise to the wounded and sick.

 U.S.S.R., Report No. 8 undated (rec'd NRC-CLR 3 Nov. 1944).
- 58. Rest and convalescence program for Civil Defense workers.

 H. Southworth.

 Off. Civilian Defense, Vol. Med. Report No. 74 26 June, 1943.
- 59. Results of operations on knee joints. (D.P. & N.H.) Introductory note by
 Dr. Ross Millar.
 Proc. Comm. Surgery, NRCC January 9, 1943, Appendix I.
- Results of surgical treatment of sciatica due to herniation of intervertebral disc in Canadian soldiers overseas.
 Botterell, Keith, and Stewart.
 Proc. Comm. Surgery, NRCC (Section on Traum.Inj. Nervous System)
 16 Mar. 1944, Appendix I-A and Section I.
- 61. Review of operations for hernia in the Canadian Army Overseas 1940-42. S. W. Schroeder (with introductory note by J. A. MacFarlane). Proc. Comm. Surgery, NRCC - 1 Oct. 1943, Vol. 1, Appendix G.
- 62. Royal Air Force ex-prisoner of war refresher centres. Interim report.

 R. B. Buzzard.

 FPRC Report No. 634 August 1945.
- 63. Schedule of graduated exercises: Casualty retraining centres R.C.A.M.C.
 Royal Canadian Army Report No. 30 undated (rec'd NRC-CMR 8 Oct. 1945).
- 64. Schema of rehabilitation for neurosis and psychosis cases, as carried out at 312th Station Hosp., ETO.

 War Dept., ETO undated (rec'd NRC-CAR 18 April 1944).
- 65. Social-psychological rehabilitation of the physically handicapped.

 Status report, OELemr-513.

 Dembo, Ladieu, and White.

 Filed with: Reports, Comm. Conval. and Rehab. 28 Oct. 1945.
- 66. Social survey I.

 Hamilton Southworth.

 Office Civilian Defense, Vol. Med. Report No. 35 1 May 1943.
- 67. Some aspects of medical research and policy in U.K., U.S.A. and Canada.

 A. d'A. Bellairs.

 South East Asia Report No. 13 15 Nov. 1945.

- 68. Starvation and nutritional rehabilitation. Progress report, formerly OEMcmr-27.

 Ancel Keys.
 Filed with: Reports, Comm. Med. Nutrition 1 Mar. 1946.
- 69. Statistical report of Canadian Medical Procurement and Assignment Board on the rehabilitation of medical officers. (With letter to A. H. Neufeld).

 J. W. Willard.

 Canadian Dept. of Nat'l Defense 26 May 1944.
- 70. Studies in psychiatric rehabilitation of discharged service men. Final report, OEMcmr-286.

 T. A. C. Rennie.

 Report No. 5 (abstracted), Comm. Psychiatry 17 Oct. 1944.
- 71. Studies of relief and rehabilitation in China.
 I. Snapper.
 UNRRA Report No. 1 June 1943.
- 72. Study of the health and working experience of 1,000 consecutive persons boarded out of the Forces as unfit for further service.

 Filed with: British War Office April 20, 1943; Misc. Report No. 68.
- 73. Study on the post-discharge adjustment of psychoneurotic soldiers.

 J. D. Griffin and M. F. Henderson.

 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944, Vol. V,
 Appendix H.
- 74. Summary of the meeting of the Section on Traumatic Injuries of the Nervous System of the Committee on Surgery, NRCC 26th and 27th January 1945. Letter to Dr. Weed from Cobb Pilcher.

 Misc. Canadian Report No. 99 12 Feb. 1945.
- 75. Treatment of hernia in the Services.

 Proc. Comm. Surgery. NRCC October 16. 1942.
- 76. Varicose veins cases C.E.F. at 31 March, 1936.
 Ross Millar.
 Proc. Comm. Surgery, NRCC January 9, 1945, Appendix H.
- 77. Warblinded. Their emotional, social and occupational situation.
 E. Wittkower and K. C. Davenport.
 British War Office Misc. Report No. 261 undated (rec'd NRC-CMR 18 Sept. 1945).
- 78. War neuroses in North Africa. The Tunisian campaign, January May, 1943.

 R. M. Grinker and J. P. Spiegel.

 War Dept., NATO September, 1942.
- 79. War surgery in Britain.
 R. I. Harris.
 Proc. Comm. Surgery, MRCC 2 Dec. 1942, Appendix A.

A. Convalescence

- 1. Conference on metabolic aspects of convalescence including bone and wound healing. Fourth meeting, Josiah Macy Foundation, June 11-12, 1943.

 Filed with: Reports, Comm. Surgery, 11-12 June 1943
- 2. Conference on Nutrition in Damage and Convalescence.

 Proc. Assoc. Comm. Army Med. Research, NRCC 10-11 Nov. 1944,
 Vol. 2, Appendix D.
- 3. Construction and use of a bedside ergograph.

 Co Tui et al

 Report #3 (abstracted), Comm. Convalescence and Rehabilitation
 30 March 1944
- 4. Convalescence from surgical procedures. I. Studies of the circulation when lying and standing and of tremor when standing, with an evaluation of a program of exercises in bed and early rising from bed. Interim report, OEMcmr-436.

 Isaac Starr and R. L. Mayock (J. E. Rhoades)

 Filed with: Reports, Comm. Conval. and Rehab. undated (rec'd NRC-CMR 25 April 1945)
- 5. Convalescent depot (British).
 T. F. Whayne
 Filed with: War Dept., ETO 11 Sept. 1943
- 6. Convalescence from surgical procedures. II. Studies of oxygen consumption, respiration, cardiac output, and heart rate chiefly in connection with a mild exercise test. Annual report, OEMcmr-436. Starr, Mayeck and Battles
 Filed with: Reports, Comm. Conval. and Rehab. undated (rec'd NRC-CMR 19 June 1945)
- 7. Current Army Council instructions relating to rehabilitation in convalescent depots.

 British War Office, Misc. Report #139 undated (rec'd NRC-CMR 3 Apr. 1944)
- 8. Development of methods for assaying the neurotic potentialities of the individual casualty for the purpose of ascertaining the management of convalescence and rehabilitation and estimating prognosis. Final report, OEMcmr-211.

 H. G. Wolf
 Filed with: Reports, Comm. Neuropsychiatry 15 Mar. 1946
- 9. Development of methods of estimating speed of postoperative convalescence: the role of ambulation and increased caloric intake in recovery. Final report, OEMcmr-484.

 R. W. Keeton et al
 Filed with: Reports, Comm. Medicine May 1946

- 10. Early activity of postoperative patients.

 J. H. Powers

 Report #2, Comm. Convalescence and Rehabilitation 15 April 1944
- 11. Effect of bed rest on the blood volume of normal young men.
 H. L. Taylor et al
 Report #12, Comm. Conval. and Rehab. undated (rec'd NRC-CMR
 21 April 1945)
- 12. Evaluation of the post-traumatic syndrome. Final report, OEMcmr-159.

 D. Denny-Brown and Donald Munro

 Filed with: Reports, Comm. Neurosurgery July 1944
- 13. Factors in deterioration and rehabilitation. Final report, OEMcmr-413.

 Ancel Keys
 Filed with: Reports, Comm. Conval. and Rehab. 15 Jan. 1945
- 14. Further investigations on the metabolic aspects of damage and convalescence.

 Browne, Schenker and Venning

 Proc. Assoc. Comm. Army Med. Research, NRCC 7-8 Dec. 1945,

 Vol. 4, Appendix E
- 15. Further studies on the metabolic aspects of damage and convalescence.

 Browne, Schenker and Weil

 Proc. Assoc. Comm. Army Med. Research, NRCC 10-11 Nov. 1944,

 Vol. 2, Appendix A
- 16. Inadequate protein and caloric intakes of patients in military hospitals; a study of contributory factors.

 J. A. F. Stevenson et al

 Proc. Assoc. Comm. Army Med. Research, NRCC 10-11 Nov. 1944,
 Vol. 2, Appendix C.
- 17. Manual of casualty retraining.
 Royal Canadian Army Report #13 1944
- 18. Metabolic problems dealing with convalescence. Final report No. 21, OEMcmr-169. (Review of published papers)
 Fuller Albright
 Filed with: Reports, Comm. Conval. and Rehab. 1 Jan. 1946
- 19. Metabolic problems relating to convalescence. Final report, OEMcmr-169.
 Fuller Albright
 Report #6, Comm. Conval. and Rehab. 12 Aug. 1944
- 20. Methods of maintaining nitrogen equilibrium in surgical patients undergoing laparotomy and craniotomy. Interim report, OEMcmr-436. Cecilia Riegel et al Filed with: Reports, Comm. Conval. and Rehab. 10 March 1945.
- 21. Minutes of a conference on amino acid metabolism. 21 July 1944.

 Report #8, Comm. Conval. and Rehab. undated (rec'd NRC-CMR
 1 Dec. 1944)

Convalescence

- 22. Neuropsychological aspects on convalescence. Summary report Part II, OEMcmr-177.

 Kenyon, Adams and Halstead
 Filed with: Reports, Comm. Conval. and Rehab. 27 Dec. 1945
- 23. Notes on a brief visit to China. Section L: "Wilitary medical problems in China" by Robert McClure.
 Wilder Penfield
 Proc. Comm. Surgery, NRCC 1 Oct. 1943, Vol. 2, Appendix B
- 24. Nutritional aspects of convalescent care.

 Report #1, Comm. Convalescence and Rehabilitation 1 Feb. 1944
- 25. Parenteral provision of caloric, nitrogen and electrolyte requirements.
 Final report, OEMcmr-478.

 A. M. Butler et al
 Filed with: Reports, Comm. Conval. and Rehab. 5 June 1946
- 26. Physical fitness for convalescents.
 P. V. Karpovich
 War Dept., Air Forces, Randolph Field, #224 (1) 14 June 1944
- 27. Physical fitness, general health and nutritional status of 140 Gurka reinforcements.
 R. M. Kark
 Misc. Canadian Report #130 28 Feb. 1945
- 28. Physical fitness tests for convalescents: analysis of the pulse reactions in the red step-up test.

 P. V. Karpovich
 War Dept., Air Forces, Randolph Field #224 (2) 12 August 1944
- 29. Physical fitness tests for convalescents: a study of convalescing rheumatic fever patients.
 P. V. Karpovich
 War Dept., Air Forces, Randolph Field #224(4) 25 Sept. 1945
- 30. Physical fitness tests for convalescents: effect of exercise upon the sedimentation rate of red blood corpuscles.

 P. V. Karpovich
 War Dept., Air Forces, Randolph Field #224(3) 4 Aug. 1944
- 31. Physical training program for convalescent medical patients.
 R. A. Weiss
 War Dept., Air Forces, Randolph Field #246 (1) 13 July 1944
- Physical training program for convalescent medical patients: Oxygen consumption during various calisthenic exercises.
 R. A. Weiss
 War Dept., Air Forces, Randolph Field #246 (2) 4 Nov. 1944
- 33. Physical training program for convalescent medical patients: Program for patients recovering from recumatic fever.

 R. A. Weiss

 War Dept., Air Forces, Randolph Field #246 (3) 10 March 1945

- 34. Physical training program for convalescing patients: pulse reaction to performing step-up exercise on benches of different heights.

 E. R. Elbel and E. L. Green

 War Dept., Air Forces, Randolph Field #216(4) 25 Jan. 1945
- 35. Prevention of protein wastage in injury and disease. Final report, OEMcmr-420.

 J. P. Peters et al

 Filed with: Reports, Comm. Conval. and Rehab. undated (rec'd NRC-CMR 26 Feb. 1946)
- 36. Protein nutrition with special reference to surgery; sources of nitrogen loss in surgical conditions and methods of circumventing them; shortening of post-operative convalescence; pathologic physiology of hypoproteinosis. Final report, OEMcmr-326.

 Co Tui and A. M. Wright
 Filed with: Reports, Comm. Surgery, NRC 30 Nov., 1943
- 37. Psychological aspects of convalescence.

 Brodman, Mittelmann and Wolff
 Report #5, Comm. Convalescence and Rehabilitation 15 Aug. 1944
- 38. Recent advances in peripheral nerve surgery.

 Frank Turnbull

 Proc. Section on <u>Traum</u>. <u>Inj</u>. <u>Nervous System</u>, Comm. <u>Surgery</u>,

 NRCC 24 Apr. 1944, Appendix A
- 39. Relation of personality disturbances to duration of convalescence from acute respiratory infections. Annual report, OEMcmr-508.

 Keeve Brodman (H. G. Wolff)

 Filed with: Reports, Comm. Conval. and Rehab. undated (rec'd NRC-CMR 14 Dec. 1945)
- 40. Resolutions adopted by the Third Congress of the Council on Hospitals, People's Commissariat of Health, U.S.S.R., regarding the application of exercise to the wounded and sick.
 U.S.S.R. Report #8 undated (rec'd NRC-CMR 3 Nov. 1944)
- 41. Some aspects of medical research and policy in U.K., U.S.A. and Canada.
 A. d'A. Bellairs
 South East Asia Report #13 15 Nov. 1945
- 42. Some metabolic aspects of damage and convalescence.

 J. S. L. Browne et al

 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944,
 Vol. V, Appendix E
- 43. Studies and experimental investigations in connection with fracture healing, wound healing and convalescence. Final report, OEMcmr-169. F. Albright
 Filed with: Reports, Comm. Clin. Invest., 15 Sept. 1943

Convalescence

- 44. Studies in surgical convalescence. II. A preliminary study of the nitrogen loss in exudates in surgical conditions. OEMcmr-326.

 Co Tui and A. M. Wright
 Report #10 (abstracted), Comm. Conval. and Rehab. 25 Sept. 1944
- 45. Studies on surgical convalescence.

 Co Tui et al

 Report #4 (abstracted) Comm. Convalescence and Rehabilitation
 25 April 1944
- 46. Study of fractures and associated metabolic disturbances. Final report, OEMcmr-189.

 J. E. Howard
 Filed with: Reports, Comm. Conval. and Rehab. undated (rec'd NRC-CMR 23 July 1946)
- 47. Study of the diet of orthopedic patients in a ward at a U. S. naval hospital.

 R. A. Gortner

 Naval Med. Research Inst. Project X-465(2), 22 Oct. 1945
- 48. Use of a mixture of pure amino acids in surgical nutrition.

 I. Certain pharmacological considerations. Part I of Final Report, OEMcmr-452.

 S. C. Werner
 Filed with: Reports, Comm. Conval. and Rehab. undated (rec'd NRC-CMR 13 Mar. 1946)
- 49. Use of a mixture of pure amino acids in surgical nutrition. II.

 Effects upon nitrogen balance: including an interpretation of
 the nature of the loss of nitrogen after injury. Part II
 of Final Report, OEMcmr-452.
 S. C. Werner
 Filed with: Reports, Comm. Conval. and Rehab. undated
 (rec'd NRC-CMR 13 Mar. 1946)
- 50. Use of a mixture of pure amino acids in surgical nutrition. III. Clinical results in ulcer patients undergoing partial gastrectomy: A comparison with a control series of untreated cases. Part III of Final Report, OEMcmr-452.

 S. C. Werner Filed with: Reports, Comm. Conval. and Rehab. undated (rec'd NRC-CMR 13 Mar. 1946)
- 51. Use of the reduction time of the blood as a measure of physical fitness in health and disease. Final report, OEMcmr-402.
 G. B. Ray
 Filed with: Reports, Comm. Conval. and Rehab. 27 Sept. 1944
- 52. Vitamin requirements in damage and convalescence.

 W. A. Andreae and M. E. F. Hunter

 Proc. Assoc. Comm. Army Med. Research, NRCC 10-11 Nov. 1944,

 Vol. 2, Appendix B

War neuroses in North Africa. The Tunisian campaign, January - May, 1943.
R. M. Grinker and J. P. Spiegel
War Dept., NATO - September, 1943

B. Occupational Therapy

- 1. Manual of casualty retraining.
 Royal Canadian Army Report #13 1944
- 3. Progress report of advisory groups of the Occupational Therapy Conference, National Research Council.
 M. B. Greene and W. C. Kahmann
 Filed with: Reports, Comm. Neuropsychiatry (Rec'd NRC 24 February 1943)
- 4. Proposed plan for establishment of Occupational Therapy Centers.

 British War Office, Misc. Report #143 4 March 1944
- 5. Quarterly report No. 3 (July Sept. 1943), by Adviser in Physical Medicine,
 M.E.F.
 G. D. Kersley
 British War Office, Misc. Report #140 17 Sept. 1943
- 6. Recent advances in peripheral nerve surgery.

 Frank Turnbull

 Proc. Section on Traum. Inj. Nervous System, Comm. Surgery, NRCC 24

 Apr. 1944, Appendix A
- 7. Report of observations of medical service in Southwest Pacific and South Pacific Areas.
 C. C. Hillman
 War Dept., SGO, 12 July, 1943 (Filed in safe, Room 327)
- 8. Report of special commission of civilian psychiatrists covering psychiatric policy and practice in the U. S. Army Medical Corps, European Theater, 20 April to 8 July 1945.

 War Dept., SGO undated (rec'd NRC-CMR 28 Sept. 1945)
- 9. Respecting the supply and demand in certain war connected professional and technical fields which should be included in a civilian training program.
 Filed with: Reports, Comm. Physical Therapy, NRC - April 10, 1943
- 10. Soviet Medical Chronicle May/June, 1944.
 U.S.S.R. File Report #5 undated (rec'd. NRC-CMR 25 Oct. 1944)
- 11. War neuroses in North Africa. The Tunisian campaign, January May, 1943.
 R. M. Grinker and J. P. Spiegel
 War Dept., NATO September, 1943

LX. RESPIRATION

- Air evacuation investigation of pneumothorax and respiratory function at altitude.
 E. W. Peterson et al Proc. Assoc. Comm. Army Med. Research, 26-27 Nov. 1943, Vol. IV - Appendix H, and Vol. I
- 2. Air pump to simulate human breathing.
 F. E. J. Fry
 Misc. Canadian Aviation Report #88 7 July 1942
- 3. Alveolar respiratory quotients: an experimental study of the difference between true and alveolar respiratory quotients, with a discussion of the assumptions involved in the calculation of alveolar respiratory quotients and a brief review of experimental evidence relating to these assumptions.

 J. B. Bateman and W. M. Boothby
 CAM Report #341 14 June 1944
- 4. Amount of oxygen required by men of various physiques performing work analogous to that done in the operation of an airplane.
 P. V. Karpovich
 War Dept., Air Forces, Randolph Field Report 774 (1) April 26, 1943
- 5. Apparatus for the automatic recording of respiratory and ventilation rates of crew in large aircraft.
 M. E. Worthington
 FPRC Report #616 May 1945
- 6. Breath holding ability at varying altitudes. Preliminary report, OEMcmr-36.
 Engel, Webb and Ferris
 Special CAM Report 30 Dec. 1943
- 7. Breath holding at altitude and breath holding as a demonstration of anoxia.
 E. B. Brown
 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-431(Av-228-f) (1), 5 Oct. 1944
- 8. Breathing pattern in a parachute harness.
 J. T. Bonner
 War Dept., Air Forces, ENG-49-696-7G, 19 Feb. 1944
- 9. Bubble formation in animals. VI. Physiological factors: the role of circulation and respiration. OEMcmr-166.
 W. D. McElroy et al
 CAM Report #380 Nov. 1944

- 10. Changes in circulation and respiration in anoxemia. OEMcmr-28.

 I. Starr and M. McMichall (Schmidt & Bronk)

 CAM Report #165, 1 August, 1943
- 11. Changes in vital capacity with altitude
 H. S. Wigodsky
 CAM Report #73 April 27, 1942
- 12. Charts. Oxygen requirements, alveolar pressures, blood oxygen determinations, hyperventilation, etc.
 War Dept., Air Forces, Miscellaneous Mayo Aero Med. Unit, June 1943
- 13. "Chokes: a respiratory manifestation of aeroembolism in high altitude flying." OEMcmr-196
 E. V. Bridge et al
 CAM Report #382 23 Oct. 1944
- 14. Circulatory and respiratory aspects of convalescence. Status report,

 OEMcmr-177.

 Wright Adams
 Filed with: Reports, Comm. Conval. and Rehab. 31 Oct. 1945
- 15. Comparison of alveolar oxygen pressures, oximeter readings and percentage of saturation of hemoglobin. OEMcmr-129.
 W. M. Boothby and F. J. Robinson
 CAM Report #163, June, 1943
- 16. Compendium of aviation medicine.
 Siegfried Ruff and Hubertus Strughold
 Special CAM Report 1942
- 17. Convalescence from surgical procedures. II. Studies of oxygen consumption, respiration, cardiac output, and heart rate chiefly in connection with a mild exercise test. Annual report, OEMcmr-436. Starr, Mayeck and Battles
 Filed with: Reports, Comm. Conval. and Rehab. undated (Rec'd NRC-CMR 19 June 1945)
- 18. Course of the aprocea curve after very long hyperventilation.

 (Pflugers Arch., vol. 244, 1944. Abst., <u>Luftfahrtmedizin</u>, vol. 7, #1, 1942)

 P. Herrlinger

 FPRC Miscellaneous File
- 20. Development of a group test of susceptibility to hyperventilation and its application to the neuropsychiatric screening of officer candidates.
 S. B. Williams and H. J. Leavitt
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N.C. M&S

Research Project X-384 (Sub. No. 73), 15 Feb. 1945

- 21. Development of technique for measuring saturation and desaturation curves by the use of long-period radioactive argon at atmospheric pressure. Final report, OEMcmr-392.
 R. D. Evans et al
 Special CAM Report 15 Aug. 1944
- 22. Effect of d-desoxyephedrine (pervitin) on the reduction of vital capacity at high altitudes.

 A. C. Ivy et al

 CAM Report #50, 5/29/42
- 23. Effect of diet on altitude tolerance as indicated by measurement of the alveclar and expired gases. Interim report, OEMcmr-47.

 A. L. Barach et al
 CAM Report #413 7 March 1945
- 24. Effect of pulmonary ventilation on the vasomotor action of adrenaline.
 G. W. Stavraky
 Misc. Canadian Aviation Report #34 undated
- 25. Effect of sulfathiazole on persons subjected to conditions of simulated altitude. Peterson, Bornstein and Jasper Proc. Assoc. Comm. Army Med. Research, NRCC - 27 May 1944, Vol. III, Appendix B
- 26. Effects of altitude anoxia on the respiratory processes. OEMcmr-129. Helmholz, Bateman and Boothby CAM Report #360 August 1944
- 27. Effects of carbon dicxide on respiration at various barometric pressures.

 Report, Comm. Flying Personnel Research FPRC 588, Aug. 1944
- 28. Effects of chronic intermittent anoxia. III. Studies of cardiac cutput, pulmonary ventilation and related functions. Final Report, OEMcmr-113.

 Wright Adams et al Special CAM Report undated (rec'd NRC-CMR 30 June 1944)
- 29. Effects of morphine sulphate on the human subject exposed to simulated altitude.

 Peterson, Bornstein, and Jasper

 Proc. Assoc. Comm. Army Med. Research, NRCC 27 May 1944, Vol. III,
 Appendix A
- 30. Effects of voluntary hyperventilation at sea level on cerebral blood flow, cardiac output and blood pressure. OEMcmr-28.

 Kety, Schmidt and Starr

 CAM Report #401 11 Jan. 1945
- 31. Effects on personnel of various concentrations of carbon dioxide and oxygen under conditions of submarine operations.

 W. V. Consolazio et al

 Naval Med. Research Inst. Project X-349, 23 Sept. 1944

- 32. Evaluation of respiratory measures for use in pilot selection.
 Raymond Franzen and Louisa Blaine
 Div. Anthropology and Psychology, NRC Jan. 1944
- 33. Experimental investigation of the effects of cold air on the air passages and lungs. Final report, OEMcmr-387.

 A. R. Moritz and J. R. Weisiger
 Filed with: Reports, Comm. Medicine 10 June 1944
- 34. Experimental studies on man with a restricted intake of the B vitamins. Part II. The results of acute deprivation of vitamins of the B complex. Interim report, OEMcmr-27.

 Ancel Keys et al
 Filed with: Reports, Comm. Med. Nutrition 8 Jan. 1945
- 35. Flow of air in respiration in relation to resistance to breathing.

 J. S. Hart

 Proc. Exec., Assoc. Comm. Aviation Med. Research April 18, 1943,

 Appendix H
- 36. Fundamental factors in the design of protective respiratory equipment.
 Inspiratory air flow measurements on human subjects with and
 without resistance.
 Leslie Silverman et al
 NDRC Report, OSRD #1222 4 March, 1943
- 37. Handbook of respiratory data in aviation.

 D. W. Bronk et al

 Filed with: Reports, Comm, Oxygen and Anoxia 1944
- 38. Heat exchange by way of the respiratory tract: I. Theoretical considerations. II. Relative efficacy for conserving heat loss of the (1) Salathiel Breath Heat Exchanger, (2) A-14 rubber mask, (3) wool scarf.

 Spealman, Pace and White
 Naval Med. Research Inst., Project X-163, 25 April 1944
- 39. Hyperventilation in flying personnel.
 R. F. Rushmer and D. D. Bend
 War Dept., Air Forces, Randolph Field #162(1) 16 Sept., 1943
- 40. Influence of dying gasps, yawns, and sighs on blood pressure and blood flow. OEMcmr-318.

 R. A. Woodbury and B. E. Abreu
 Report #2 (abstracted), Comm. Anesthesia 13 Sept. 1944
- 41. Influence of oxygen-lack on the human organism on brief exposure to high altitudes. A contribution to the question of functional capacity during flight at high altitude.

 Franz von Tavel
 Filed with: Reports, Comm. Oxygen and Anoxia undated (rec'd NRC-CMR 5 July 1944)

- 42. Instantaneous rates at which various fractions of the inspired air are inhaled.

 J. S. Hart

 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 March 1944,

 Appendix H
- 43. Laboratory manual of field methods for biochemical assessment of metabolic and nutritional condition.

 Filed with: Reports, Harvard Fatigue Lab. March 1945
- 44. Lung ventilation during certain simple physical exercises.
 P. V. Karpovich
 Report, School Aviation Med., Randolph Field Dec. 9, 1942
- 45. Means of measuring instantaneous rates of respiration.
 H. L. Roxburgh
 FFRC Report #528 May 1943
- 46. Measurement of gaseous exchange in connection with aviation and deep sea diving by techniques employing radioactive substances.

 I. On the theory of blood-tissue exchanges of inert gases.

 R. E. Smith and M. F. Morales

 Naval Med. Research Inst. Project X-43, report #1 8 May 1944
- 47. Measurement of inspiratory and expiratory air velocities at altitude.

 OEMcmr-26.

 J. R. Pappenheimer and J. C. Iilly

 Report CAM #208 30 November 1943
- 48. Measurements of gaseous exchange in connection with aviation and deep sea diving by techniques employing radioactive substances. II.

 Circulation and inert gas exchanges at the lung.

 M. F. Morales and R. E. Smith

 Naval Med. Research Inst. project X-43, report #2 29 July 1944
- 49. Measures of exercise tolerance.
 Craig Taylor and Raymond Franzen
 Div. Anthropology and Psychology, NRC Feb. 1946
- 50. Metabolism on long range missions.
 S. A. D'Angelo
 War Dept., Air Forces, TSELA-3-696-75C, 10 Sept. 1945
- 51. Method for the continuous analysis of alveolar air. Interim report, OEMcmr-147.

 Hermann Rahn et al (W. O. Fenn)

 CAM Report #476 20 Oct. 1945
- 52. Method for the determination of CO in alveolar air.
 H. I. Chinn
 War Dept., Air Forces, Randolph Field #233(2) 24 April 1946

- 53. Methods of artificial respiration to be used in war time according to the cause of asphyxia. Physiological basis of their choice. Prof. and Mrs. Cordier
 Miscellaneous Reports General (Britain) undated
- 54. Multiple factor theory of respiratory regulation. II. Uncompensated metabolic disturbances of acid-base balance.

 J. S. Gray

 War Dept., Air Forces, Randolph Field #386(2) 14 Dec. 1945
- 55. On respiration rate during a bomber sortie.

 E. A. Goldie
 Flying Personnel Research Comm. FPRC 552, Oct. 1943
- 56. Overventilation in subjects during the swing test.
 R. F. Rushmer
 War Dept., Randolph Field #133 (1) May 1, 1943
- 57. Oxygen and air pressure at various altitudes as they influence the efficient functioning of the aviator.

 W. M. Boothby
 War Dept., Air Forces, miscellaneous Mayo Aero Med. Unit, special report #5, 28 Aug. 1942
- 58. Oxygen requirements as affected by physical activity and by simulated altitudes.

 Hall, Wilson, Bonner and Finkel
 War Dept., Air Forces, ENG-49-696-7C, 11 Nov. 1943
- 59. Permissible expiratory resistance in aircraft oxygen equipment.
 J. H. Weatherby
 Navy Dept., Naval Air Training Center, Pensacola, Fla.,
 Project X-611(Av-313-s) (1) 1 Sept. 1945
- 60. Physiological requirements of sealed high altitude aircraft compartments.

 H. G. Armstrong
 War Dept., Air Forces, Wright Field, Misc. 19 Dec. 1935
- 61. Physiological study of aviators during combat flying.
 Royal Navy Air Medical News Letter #2 March 1945
- 62. Physiology of increased intrathoracic pressure in relation to the effect of centrifugal forces (1) introduction: methods: changes in position of the diaphragm, in heart size, and in intraabdominal pressure during increased, intrapulmonic pressure.

 R. F. Rushmer

 War Dept., Air Forces, Randolph Field, #160 (1) 10 Nov., 1943

- 63. Physiology of increased intrathoracic pressure in relation to the effect on centrifugal forces: (2) arterial pressure, venous pressure, and tinger volume during increased intrapulmonic pressure.

 R. F. Rushmer
 War Dept., Air Forces, Randolph Field, #160 (2) 1 Dec., 1943
- 64. Physiology of increased intrathoracic pressure in relation to the effect of centrifugal forces: (3) Two cases of circulatory failure during increased intrapulmonic pressure.

 R. F. Rushmer

 War Dept., Air Forces, Randolph Field #160 (3) 10 Jan., 1944
- 65. Physiology of respiration.
 War Dept., Air Forces, TSELA-3-697-11, 28 Feb. 1945, Appendix C
- 66. Preliminary note on the respiratory disturbances during and after administration of phosgene.
 C. G. Douglas and D. Whitteridge
 Misc. File Britain, undated (rec'd NRC-CMR 29 Aug. 1944)
- 67. Pulmonary ventilation of flyers.
 Lovelace, Carlson and Wulff
 War Dept., Air Forces, ENG-49-660-50-H, 11 March 1944
- 68. Pulmonary ventilation of flyers at high altitudes.
 L. D. Carlson and V. J. Wulff
 War Dept., Air Forces, Eng. 49-660-48-G, 9 Oct. 1944
- 69. Pump to simulate human breathing.
 F. E. J. Fry and J. S. Hart
 Proc. Assoc. Comm. Aviation Med. Research February 27, 1943,
 Appendix K
- 70. Reduction of alveolar carbon dioxide pressure during pressure breathing and its relation to hyperventilation, together with a new method of representing the effects of hyperventilation. OEMcmr-129.

 J. B. Bateman (W. M. Boothby)

 CAM Report #381 Sept. 1944
- 71. Relation of pulmonary ventilation to arterial oxygen saturation.
 C. S. Houston and Martha Nez
 Navy Dept., Naval Air Training Center, Pensacola, Fla.,
 Project X-675(1) 15 Dec. 1945
- 72. Relationship between brain metabolism and brain function and compensation for oxygen lack by changes in other blood constituents. Final report, OEMcmr-165.

 W. G. Iennox et al
 Filed with: Reports, Comm. Neuropsychiatry undated (rec'd NRC-CMR 13 Jan., 1944)

- 73. Relationship between various levels of COHB in the blood and the equivalent physiological altitude.

 G. C. Pitts and Nello Pace
 Naval Med. Research Inst. Project X-417(3), 30 Oct. 1944
- 74. Report on special physiological investigation of aircraftmen.

 J. E. Goodwin.

 Min. Exec., Assoc. Comm. Aviation Med. Research June 6, 1941,
 Appendix K; Aug. 13, 1941, NRCC
- 75. Respiratory metabolism of pilots and crew in planes.
 C. L. Gemmill et al
 CAM Report #296 20 Feb. 1944
- 76. Respiratory quotients of expired and alveolar air at normal and reduced barometric pressures.

 J. K. W. Ferguson and L. P. Dugal

 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March 1945, Appendix E
- 77. Respiratory requirements for flying a Link trainer.

 K. E. Penrod

 War Dept., Air Forces, Materiel Div. EXP-M-49-696-21,
 28 September, 1943
- 78. Respiratory resistances through oxygen masks.

 J. Shortreed

 Misc. Canadian Aviation Report #100 9 Sept., 1942
- 79. Response of the human cardio-vascular system to acute alteration in the composition of inspired air.

 Keys, Staff, and Violante

 Special Reports, CAM January 28, 1942
- 80. Shivering induced by the combined use of hyperventilation and exposure to cold atmosphere.

 H. R. Miller et al

 War Dept., Signal Corps, Climatic Research Unit, Eng. Memo
 No. 11, CR 1 March 1944
- 81. Shivering observed in cooled subjects following the abrupt termination of the inhalation of CO₂ enriched mixtures.

 H. R. Miller et al

 War Dept., Signal Corps, Climatic Research Unit, Eng. Memo.

 #22 CR 4 Nov. 1944
- 82. Some effects of raised intrapulmonary pressure on the circulation.
 G. R. Macdougall and H. C. Bazett
 Proc. Exec., Assoc. Comm. Aviation Med. Research 22 April 1944,
 Appendix B

- 83. Some uses of the integrating wheel in respiration studies. Interim report, OEMcmr-88.

 Frederick Olmsted
 Special CAM Report 14 Dec. 1945
- 84. Studies of blood pressure, electrocardiograms, and respiratory tracings in volunteers. Motion sickness.

 A. Cipriani and G. Morton
 Proc. Conf. Motion Sickness August 28, 1942, Appendix I
- 85. Studies of respiratory ventilation of fighter pilots.

 K. E. Penrod

 War Dept., Air Corps, Materiel Div. EXP-M-49-696-25, November 10,1942
- 86. Study of hyperventilation as a means of gaining altitude. Pts. I and II.
 L. E. Chadwick et al
 CAM Report #304 22 May 1944
- 87. Study of hyperventilation as a means of gaining altitude. (Parts III-VII). Interim report, OEMcmr-147.
 W. O. Fenn et al
 CAM Report #410 Jan. 1945
- 88. Survey of air sickness aircrew trainees. Clinical investigation. Respiratory problems, visual problems, psychoses. R.C.A.F., D.M.S. Circular orders #34 and 9. Report F.P.R.C. #335, June 17, 1941; and Dec. 12, 1940
- 89. Underwater respiration: The optimum respiratory pressure and the effects of immersion on pulmonary ventilation.

 W. D. M. Paton and A. Sand
 Report, Subcomm. Underwater Physiology, RNPRC, MRC RNP 45/185,
 April 1945
- 90. Use of the respiration amplifier in combating anoxia at high altitudes.
 Preliminary report.
 T. J. Putnam and R. D. Brookes
 Special CAM Report undated (rec'd NRC-CMR 14 December 1942)
- 91. Ventilation effects induced by the pneumatic balance resuscitator.

 0EMcmr-196.

 W. E. Berg

 CAM Report #444 June 1945
- 92. Voluntary ventilation capacity: Normal values and reliability of measurement.
 J. S. Gray and E. L. Green
 War Dept., Air Forces, Randolph Field #449(1) 4 Dec. 1945

LXI. RESUSCITATION

- 1. Appraisal of the University of California (Tobias-Weitbrecht) manual
 resuscitator.
 Vollmer, Whaley and Perkins
 Naval Med. Research Inst. Project X-486(6), 1 August 1945.
- 2. Artificial respiration.

 British War Office, Army Med. Dept. Bull. #48 June 1945.
- 3. Artificial respiration: a method used by British Navy is reprinted. Navy Dept., Coast Guard, Air Sea Rescue Bull. #2 July 1944, pp. 17-18.
- 4. Conference on artificial respiration, July 7, 1943.

 Philip Drinker

 War Dept., Air Forces, TSEAL-3-660-49-J, 30 April 1943, Appendix 2.
- 5. Evaluation of the Burns pneumatic balance resuscitator.
 Vollmer, King and Peck
 Naval Med. Research Inst. Project X-486(5) 2 July 1945.
- 6. Evaluation of the Emerson automatic positive pressure resuscitator and inhalator assembly "Defense Model".

 Vollmer, King and Peck
 Naval Med. Research Inst. Project X-486(7), 13 August 1945.
- 7. Evaluation of the Heidbrink Model-70 and Army item No. 37261 positive pressure resuscitators and Kreiselman hand bellows resuscitator with field tests in collaboration with Naval Air Station, Lakehurst, New Jersey.

 B. G. King et al.

 Naval Med. Research Inst. Project X-486(2), 7 May 1945.
- 8. Eve method adopted by Coast Guard medicos for artificial respiration in addition to Schaefer.
 Navy Dept., Coast Guard, Air Sea Rescue Bull. #9 March 1945.
 pp. 22-25.
- 9. Eve method resuscitation.
 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. II, #2 October 1945. pp. 32-37.
- 10. "First aid in the Royal Navy."

 Hamilton Southworth

 Office Civilian Defense, Vol. Med. Report #41 18 May 1943.
- 11. Improved positive pressure resuscitator inhalaton assembly designed for general Navy use (Heidbrink Stock No. 3804-0063).

 B. G. King et al.

 Naval Med. Research Inst. Project X-486(3), 22 May 1945.
- 12. Influence of different forms of artificial respiration upon the pulmonary and systemic blood pressure. Interim report, OEMcmr-318.
 Woodbury, Abreu and Volpitto
 Report #1 (abstracted), Comm. Anesthesia, 23 February 1944.

- 13. Interrogation of combat veterans.

 N. E. Collias and W. H. Bachrach

 War Dept., Air Forces, TSELA-3-697-15, 17 May 1945.
- 14. Investigation of physiological problems of asphyxiation and resuscitation. Wulff, Carlson, and Lovelace
 War Dept., Air Forces, TSEAL-3-660-49-J, 30 April 1945.
- 15. Manual resuscitator.
 C. A. Tobias and R. Weitbrecht
 CAM Report #334 29 July 1944.
- 16. Mechanical behavior of the Burns pneumatic balance resuscitator.
 Interim report, OEMcmr-147.
 Fenn, Otis and Rahn
 Special CAM Report 30 Sept. 1945.
- 17. Minutes of Conference on Pulmonary Edema.
 Report #4, Comm. Medicine 28 April 1944.
- 18. Miscellaneous aviation medical matters.

 Leo Alexander

 War Dept., Combined Intelligence Objectives Report #88 undated

 (rec'd NRC-CMR 18 March 1946).
- 19. Modification of resuscitator and inhalator, item No. 37261.
 A. M. Cahan
 War Dept., Air Forces, ENG-49-660-49-G, 27 March 1944.
- 20. Physiological and clinical studies on man with the pneumatic balance resuscitator "Burns Model".

 H. L. Motley

 War Dept., Air Forces, TSELA-3-660-49-0, 23 August 1945.
- 21. Physiological studies on man with the Pneumatic Balance Resuscitator "Burns Model". Interim report, OEMcmr-107 and 47.

 H. L. Motley et al.

 CAM Report #492.
- 22. Pneumatic balance resuscitator.

 H. L. Burns

 War Dept., Air Forces, TSEAL-3-660-65-C, 27 November 1944.
- 23. Pneumatic balance resuscitator. OEMcmr-147.
 Herman Rahn et al.
 CAM Report #424 5 March 1945.
- Preliminary performance tests of the Bennett intermittent positive pressure resuscitator assembly.
 V. J. Wulff
 War Dept., Air Forces, TSEAL-3-660-49-K, 30 April 1945.
- 25. Problems relating to use of intermittent positive pressure in resuscitation.

 War Dept., Air Forces, TSEAL-3-660-49-J, 30 April 1945, Appendix 5.

Resuscitation

- 26. Report of accidents resulting from anoxia in aircraft.

 H. B. Burchell

 War Dept., Air Forces, Randolph Field #206 (2) 12 April 1944.
- 27. Resuscitation and positive pressure breathing.
 A. M. Cahan
 War Dept., Air Forces, ENG-49-660-1, 20 July 1943.
- 28. "Resuscitation and positive pressure breathing." Excerpt from Memorandum Report ENG-49-660-1.

 War Dept., Air Forces, TSEAL-3-660-49-J, 30 April 1945, Appendix 4.
- 29. Resuscitation, Meeting of the Committee on Aviation Medicine, 24 Jan. 1945.
 War Dept., Air Forces, TSEAL-3-660-49-J, 30 April 1945, Appendix 6,
- 30. Resuscitation of the severely wounded.
 A. L. Chute
 Royal Canadian Army Report #18 October 1944.
- 31. Resuscitator and intermittent positive pressure breathing device developed by the Aero Medical Laboratory.

 A. M. Cahan
 War Dept., Air Forces, ENG-49-660-49-D, 9 August 1943.
- 32. Resuscitators.
 C. R. Glenn and N. W. White
 War Dept., Air Forces, TSEAL-3-660-49-J, 22 April 1943, Appendix 1.
- 33. Resuscitator submitted for test by the General Electric X-Ray Corporation.

 A. M. Cahan
 War Dept., Air Forces, ENG-49-660-A, 11 Sept. 1943.
- 34. Some tests on the characteristics and performance of a Heidbrink positive pressure resuscitator.

 E. P. Vollmer and B. G. King

 Naval Med. Research Inst. Project X-486(1), 1 November 1944.
- 35. Studies on asphyxia. I. Changes in blood acid-base balance during asphyxia and resuscitation.

 Grodins, Lein and Adler

 War Dept., Air Forces, Randolph Field #474(1) 10 May 1946.
- 36. Study of the influence of anesthesia, oxygen therapy and different forms of artificial respiration upon the pulmonary and systemic blood pressure in normal animals and in those with pulmonary edema. Final report, OEMcmr-318.

 R. A. Woodbury
 Filed with: Reports, Comm. Anesthesia 12 July 1945.
- 37. Summary of investigations on the Burns pneumatic balance resuscitator.
 Interim report, OEMcmr-147.
 W. O. Fenn
 Special CAM Report 30 Sept. 1945.

Resuscitation

- 38. Table summarizing the laboratories and hospitals contacted by the Air Technical Service Command to assist in collection of physiological and clinical data.

 War Dept., Air Forces, TSEAL-3-660-49-J, 30 April 1945, Appendix 7.
- 39. Treatment of shock from prolonged exposure to cold, especially in water.

 Leo Alexander

 War Dept., Combined Intelligence Objectives Subcomm. Report #59, 10 July 1945.
- 40. Use of the Pneumatic Balance Resuscitator on dogs exposed to severe anoxia in the decompression chamber. OEMcmr-196.

 B. R.Brown
 CAM Report #475 September 1945.
- 41. Ventilation effects induced by the pneumatic balance resuscitator.

 OEMcmr-196

 W. E. Berg

 CAM Report #444 June 1945.

LXII. SUNBURN

- 1. Emergency adaptations in Melanesia. Some practical suggestions.

 Water, heat, food, sunburn.

 Filed with: Div. Anthropology and Psychology, NRC January 11, 1943
- 2. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part II. Physiological observations on Naval personnel.

 F. P. Ellis

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(d),

 July 1945
- 3. Guide to the preservation of life at sea after shipwreck.

 Comm. Shipwrecked Personnel, MRC War Memo #8, 1942
- 4. Life rafts and equipment. Report of experiments carried on at Eglin Field from April 15 to 20, 1943.

 Harvard Fatigue Lab. Report #68 27 May 1943
- 5. Patch tests on sunburn preventive preparations.

 H. F. Blum

 Naval Med. Research Inst., Project No. X-108, suppl. to #1
 May 20, 1943
- 6. Preparation and appraisal of a combined sunburn preventive and emergency burn treatment ointment.

 Pfeiffer, Blum and Darby
 Naval Med. Research Inst. Project X-108C, 14 June 1945
- 7. Protective ointments against sunburn.

 J. H. Tillisch
 War Dept., Air Forces, ENG-49-697-4, April 17, 1943
- 8. Report of naval observer at trials of aircraft life raft rations and equipment conducted by Wright Field personnel at Eglin Field, Florida, April 15 through 21, 1943.

 P. H. Futcher
 Naval Med. Research Inst. April, 1943
- 9. Report on living and working conditions among R.N. personnel in the tropics.

 Macdonald Critchley and H. E. Holling
 Filed with: Reports, Comm. Royal Naval Personnel Research, MRC 22 April 1944
- 10. Responses of man to a hot environment.
 F. R. Wulsin
 War Dept., OQMG 1 Aug. 1943
- 11. Sea dye marker harmful as sunburn preventive.

 Navy Dept., Coast Guard, Air Sea Rescue Bull. #11 May 1945, p. 25
- Sea trials of methods of preventing sunburn of shipwrecked personnel, and information on the TWA anti-sun headgear.
 P. H. Futcher et al
 Naval Med. Research Inst., Project X-127, report #5 23 Dec., 1943

- 13. Specifications for cream: sunburn prevention for use in (A) life raft emergency equipment, and (B) for general use.

 H. F. Blum

 Naval Medical Research Inst., Project #NH6-1/All/X-108
 1 March 1944
- 14. Sunburn, Army Air Corps.

 D. M. Pillsbury
 Filed with: Reports, Comm. Medicine September 7, 1942
- 15. Sunburn preventive preparations, evaluation and specifications.
 With addendum.
 H. F. Blum
 Naval Med. Research Inst., Project No. X-108, Report #2 July 27, 1943.
- 16. Sunburn preventives for use on the lips
 Blum, Eicher and Pfeiffer
 Naval Med. Research Inst., Project X-108A 9 Aug. 1944
- 17. Sunburn preventives for use on the lips. Field acceptance test.
 H. A. Haynes, Jr., and J. G. Fiedler
 Navy Dept., Medical Field Research Lab., Camp Lejeune, N.C.,
 M&S Research Project X-108B 13 Nov. 1944
- 18. Sunburn protection: efficiency of sunburn preventive ointments.
 Final report, OEMcmr-366.
 A. C. Giese and J. M. Vells
 Report #43, Comm. Clin. Invest. 15 Feb. 1944
- 19. Sunburn protection: ointment bases for sunscreens. Interim report #2, OEMcmr-366.

 A. C. Giese and J. N. Wells
 Filed with: Reports, Comm. Clin. Invest. 7 Feb. 1944
- 20. Sunburn protection; sunscreens. Interim report, OEMcmr-336.
 A. C. Giese and J. M. Wells
 Filed with: Reports, Comm. Clin. Invest. 18 November 1943
- 21. Test of U.S. Navy sunburn ointment as a first aid treatment for burns. Interim report, OEMcmr-263.
 C. C. Lund and F. H. I. Taylor
 Report #57, Comm. Infected Wounds and Burns 11 May 1945
- 22. Tests on sunburn-preventive creams.

 H. F. Blum

 Naval Med. Research Inst., project X-108 4 Jan., 1944
- 23. Tests on sunburn preventive preparations applied to the skin.
 H. F. Blum
 Naval Med. Research Inst., Project No. X-108, Report #1 March 31, 1943
- 24. U. S. Navy (Bureau of Aeronautics) air sea rescue equipment. List. Navy Dept., Coast Guard, Air Sea Rescue Bull. #3 Aug. 1944

Sunburn

25. Water balance and other physiological responses of men on life rafts.

Futcher, Consolazio and Pace

Naval Med. Research Inst., Project X-127, Report #3 - 6 Sept., 1943

LXIII. VENTILATION

A. Cooling

LXIII. VENTILATION

- Altitude conditioning of aircraft cabins.
 M. B. Cooper.
 F.P.R.C. report No. 244.
- Appreciation of the physiological problems of tank wading operations.
 R. Mayon-White.
 Report, Comm. Armoured Vehicles, MPRC-BPC 42/292, Nov., 1942.
- T. Bedford and C. G. Warner.
 Report, Royal Naval Personnel Research Comm., MRC RNP 43/9,
 4 Mar. 1943.
- 4. Atmospheric conditions in Radar room.

 D. H. K. Lee
 Report, Comm. Armoured Vehicles, NHLRC Australia AFV 42,
 13 Nov. 1943.
- 5. Atmospheric conditions in troop decks of H.M.A.T. "Fatoomba."
 D.H.K. Lee.
 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 40,
 22 Oct. 1943.
- 6. Bacterial content of the air of H. M. ships under wartime conditions. Part I.
 E. P. Ellis and W. F. Raymond.
 Report, Subcomm. Habitability, RNPRC, MRC - RNP 45/220,
 Aug. 1945.
- 7. Bacterial content of the air of H. M. ships under wartime conditions. Part II. (Tables).

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/220,

 Aug. 1945.
- Comfort of tank crews in hot climates.
 N. Solandt.
 Report, Comm. Armoured Vehicles, MPRC-BPC 42/77, June 29, 1942.
- 9. Comments on heating and ventilation of the New Barracks at Fort Belvoir, Va. Report of inspection on February 25, 1946, to the Sub-committee on Atmospheric Control, Committee on Sanitary Engineering.
 C. P. Yaglow.
 Filed with: Reports, Comm. Sanitary Engineering 1 Apr. 1946.
- 10. Condensation and ventilation in M.T.B.s, M.G.B.s and M.L.s.
 T. Bedford and C. G. Warner.
 Report, Royal Naval Personnel Research Comm., MRC RNP 43/34,
 29 April, 1944.
- 11. Cooling of aircraft while on ground.

 A. S. Tredinnick.

 Report, Comm. Flying Personnel Research, RAAF FR 116(a),
 10 May 1945.

- 12. Electrical ventilation meter.

 Bernard Smaller.

 War Dept., Air Forces, E.P-54-653-105, 18 May 1942.
- 13. Final report on ventilation of forward compartment of Churchill tanks.

 Report, Comm. Armoured Vehicles, MPRC BPC 42/112, September 1, 1942.
- 14. First partial report on determination of the amount of heat transmitted to the fighting compartment of tanks under field conditions.

 Hatch, Walpole, and Lawson.

 Armored Med. Research Lab. 17 August, 1945.
- 15. First partial report on: 1) Determination of basic ventilation characteristics of tanks of the M-4 series. 2) Determination of basic ventilation characteristics of tanks of the M-5 series. T. F. Hatch and R. H. Walpole.

 Armored Force Med. Research Lab. April 26, 1943.
- 16. First report of the Habitability Mission to the Eastern Fleet 1944. Appendices.

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/202(j), undated (rec'd NRC-CMR 22 Oct. 1945).
- 17. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part IV. Non-atmospheric factors which influence warship habitability in the tropics.

 F. P. Ellis.

 Report, Subcomm. Habitability, RIPRC, MRC RNP 45/202(h),
 July 1945.
- 18. First report of the Habitability Mission to the Eastern Fleet 1944.

 Part V. Problems of warship habitability in tropic waters.

 F. P. Ellis.

 Report, Subcomm. Habitability, RNPRC, ARC RNP 45/202 (i),
 July 1945.
- 19. First report on test of venting of transmission fumes, light tanks M3 and medium tanks M3 and M4, and fifty-second report on ordnance program No. 5464.

 D. C. Apps.

 War Dept., Ordnance Dept., Project No. 3-1-37, 27 March, 1943.
- 20. Habitability of gun houses.
 M. G. Bennett.
 Report, Subcomm. Gunnery, RNPRC, LRC RNP 45/256, 22 Nov. 1945.
- 21. Heat content in ventilating air in H. M. ships.

 J. A. B. Gray.

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/244,

 Nov. 1945.
- 22. Heating and ventilating conditions in barracks.

 Report No. 2, Comm. Sanitary Engineering, MRC 6 Dec., 1942.

Ventilation

- 23. Laboratory evaluation of insect screens in air conditioning ducts.
 L. A. Jachowski, Jr. and C. S. Wilson.
 Naval Med. Research Inst. Project X-265(1), 22 June 1945.
- 24. Living arrangements in American warships.

 C. E. J. Streatfeild and G. M. Weddell.

 Report. Subcomm. Gunnery. RNPRC, MRC RNP 45/234. Oct. 1945.
- 25. Medical observations during passage on northern convoy. Abstract of report by Macdonald Critchley. Report, Royal Naval Research Comm. R.N.P. 43/25, January-February, 1945.
- 26. Memorandum on tank ventilation.
 R. Mayon-White, AFV School, Lulworth.
 Report. Comm. Armoured Vehicles, MPRC-BPC 43/174, January 19, 1943.
- 27. Memorandum on ventilation with collective protection in armoured fighting vehicles.
 C. L. Evans.
 Report, Comm. Armoured Vehicles, MPRC-BPC 126, October 8, 1941.
- 28. Observations on "climatic" conditions in A.F.V.'s.
 Interim report.
 G. Reid.
 Report, Comm. AFV, Australia AFV 12, November 18, 1942.
- 29. Outline of proposed trials of air conditioning in frigates. E. A. Sellers and J. M. Parker. Proc. Assoc. Comm. Naval Med. Research, NRCC - 16 Feb. 1945, Appendix Q.
- 30. Partial report on ventilation requirements for gas-proofing tanks of the M-4 series.
 T. F. Hatch and R. H. Walpole.
 Armored Force Med. Research Lab. March 1, 1945.
- 31. Partial report on ventilation requirements for gas-proofing the M-5 tank. Supplemental report of March 20, 1943.

 T. F. Hatch and R. H. Walpole, Jr.

 Armored Force Med. Research Lab. Dec. 24, 1942 and March 20, 1943.
- 32. Physiological observations made on men aboard ship during a shakedown cruise in tropical waters.

 Pace, Consolazio and Behnke.

 Naval Med. Research Inst. Project X-205(3), 13 Aug. 1945.
- 33. Physiological and technical problems of tank warfare. Report on Survey trip to Great Britain. Willard Machle.
 Report, Comm. Armored Vehicles (42-1), July 28, 1942.

- 34. Physiological characteristics of M4E6 tank (with 76 mm gun). Willard Machle.
 Armored Med. Research Lab. 16 December 1943.
- Physiological requirements of sealed high altitude aircraft compartments.
 H. G. Armstrong.
 War Dept., Air Forces, Wright Field, Misc. 19 Dec. 1975.
- 26. Pressurization, ventilation and heating requirements for military and passenger type aircraft.

 War Dept., Air Forces, TSELA-2-697-11, 28 Feb. 1945,
 Appendix L.
- 37. Principles of tank ventilation.

 Physiol. Lab., A.F.V. School.

 Report, Comm. Armoured Vehicles, MPRC BPC 76/PL. 14, August 6, 1941.
- 28. Progress in physiological matters relating to Coastal Forces.

 Report, Royal Naval Personnel Research Comm., MRC RNP 42/52, undated (rec'd NRC CMR 29 Jan. 1944).
- 79. Report of an investigation of carbon monoxide concentration in the hangar space and ready room of escort aircraft carrier U.S.S.

 Natoma Bay (CVE-62).

 Behnke, Houghten and Pace.

 Naval Med. Research Inst., Project X-154-A 27 Dec., 1947.
- 40. Report of conferences held June 6th and 9th, 1942, at headquarters
 Army Ground Forces in connection with the Desert Training Center
 program.
 War Dept., miscellaneous 6/6/42.
- 41. Report of ventilation tests in LST 385 at Hampton Roads, Virginia, December 2, 1942.
 E. W. Brown.
 Navy Dept., Bur. Med. and Surg., Research Div. undated.
- 42. Report on a visit to coastal forces. Conditions on motor torpedo and other small boats.

 Report, Royal Naval Personnel Research Comm., MRC RNP 43/2, 13 Jan. 1948.
- 43. Report on inspection of tropical radar stations.
 Giovanelli, Fraser and Mathieson.
 Misc. File Britain, 14 Nov. 1944.
- 44. Report on inspection of tropical radar stations.

 R. G. Giovanelli et al.

 Report, Comm. Flying Personnel Research, RAAF FR 101F, undated (rec'd NRC-CMR 28 April 1945).
- 45. Report on living and working conditions among R. N. personnel in the tropics.

 Macdonald Critchley and H. E. Holling.

 Filed with: Reports, Comm. Royal Naval Personnel Research, MRC 22 April 1944.

Ventilation

- 46. Report on physiological characteristics of T&T tank. Armored Med. Research Lab. 5 June 1943.
- 47. Report on ventilation and air currents in M3 light tank. Report, Comm. AFV, Australia AFV 3a.
- 48. Report on ventilation and air currents in M3 medium tank.

 Report, Comm. AFV, Australia AFV No. 2a.
- 49. Report on visit to assault units and submarines at Taranto.

 E. M. Case.

 Report, Subcomm. Underwater Physiology, RNPRC, MRC RNP 44/139, Sept. 1944.
- 50. Second partial report on determination of ventilation requirements for gas-proofing tanks of the M4 series.

 Hatch, Hollingsworth, and Walpole.

 Armored Force Med. Research Lab. June 22, 1942.
- 51. Second report of the habitability mission on H. M. ships serving in the tropics, August 1944 March 1945.

 E. A. Brokensha and H. E. Holling.

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/221,

 July 1945.
- 52. Second report on the ventilation of the Daimler armoured car Mk. I. Gray, Harkness, and Mayon-White.
 Report, Comm. Armoured Vehicles, MPRC BPC 45/286/PL 114,
 Nov. 1943.
- 53. Second supplementary report on ventilation of forward fighting compartment of Churchill tanks.

 Gray, Harkness, and Mayon-Smith, AFV School, Lulworth.

 heport, Comm. Armoured Vehicles, MPRC-BPC 42/112 (b), April 20, 1943.
- 54. Studies and investigations in connection with ventilating problems involved in utilization of propylene and triethylene glycol vapors for air sterilization. Final report, OELcmr-175.

 B. H. Jennings and E. Bigg.

 Filed with: Reports, Comm. Clin. Invest. undated.
- 55. Supplementary report on ventilation of forward compartment of Churchill tanks.

 AFV School, Lulworth.

 Report, Comm. Armoured Vehicles, MPRC-BPC 42/113 (a),

 November 27, 1942.
- 56. Survey of lighting and ventilation in barracks and on ships of the Royal Canadian Navy.
 J. W. Scott and D. Y. Solandt.
 Proc. Assoc. Comm. Naval Med. Research 7 Oct. 1943, Appendix K.
- 57. Temperature recordings in tanks.

 A. L. Chute.

 British War Office September 8, 1942; Misc. Report No. 18.

- 58. Turret ventilation. Progress report.

 Report, Subcomm. Gunnery, RNPRC, MRC RNP 44/155, undated (rec'd NRC-CMR 17 Jan. 1945).
- 59. Use of fresh air breathing tubes in tanks. Phsiol. Lab., A.F.V. School.

 Report, Comm. Armoured Vehicles, MPRC BPC 77/PL. 13, August 5, 1941.
- 60. Ventilation of fireproof and petrol-proof fabrics used for clothing. E. W. Russell. FPhC. Royal Aircraft Establishment February, 1942.
- 61. Ventilation of turrets. I.

 M. G. Bennett and F. E. Smith.

 Report, Subcomm. Gunnery, Comm. Royal Naval Personnel Research,

 LRC RNP 44/115/GS, 21 June 1944.
- 62. Ventilation of turrets III. Further tests on silica gel desiccators. F. E. Smith.

 Report, Subcomm. Gunnery, RNPRC, MRC RNP 44/141, Sept. 1944.
- 63. Ventilation rate of sealed aircraft cabins.

 K. E. Penrod.

 War Dept., Air Forces, Eng-49-696-42B, 24 Dec., 1943.
- 64. Ventilation rate of sealed aircraft cabins.

 M. Tribus.

 War Dept., Air Forces, ENG-54-664-143S, 12 June 1944.
- 65. Visit to U. S. Naval units.

 M. Critchley.

 Report, Comm. Royal Naval Personnel Research, LRC RNP 43/51,
 12 July 1943.
- 66. Ventilation tests on bell tents of experimental fabrics. Field trial no. 31.

 Morris Katz.

 Misc. Canadian report No. 79 29 Feb. 1944.
- 67. Ventilation tests on type M2 medium tank. Report, Comm. AFV, Australia AFV 2b.

A. Cooling

- 1. Aero-medical exploitation, Germany 1945.
 W. F. Sheeley.
 War Dept., Air Forces, Misc. 1 Feb. 1945 to 15 Oct. 1945
- 2. Air conditioning of tanks.

 Royal Canadian Army Report No. 10 (rec'd NRC-CMR 25 Feb. 1943).
- 3. Air ventilated clothing.
 J. P. Marbarger.
 War Dept., Air Forces, TSEAL-695-2FF, 10 Dec. 1945.
- 4. Climatic relief in tropical tank operations. Notes of conference with G.A.F.V. at Maribyronong.

 A. R. Garrett and C. H. Kellaway.

 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 26, 20 July 1943.
- 5. Cooling of pilots at readiness under simulated tropical conditions by bubbling ambient air through a Mark IIIF. F.S. partially filled with water.

 Franks, Ryan and Kennedy.

 Proc. Assoc. Comm. Aviation Med. Research NRCC 29 Sept. 1944, Appendix Al.
- Effectiveness of partial immersion and periodic immersion in water for cooling men in hot spaces.
 C. R. Spealman.
 Naval Med. Research Inst. Project X-552(1), 13 Aug. 1945
- 7. Evaluation of targets investigated and summary of information obtained pertaining to research in aviation medicine for the German Air Force.
 W. R. Lovelace and V. J. Dulff.
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 4 Aug. 1945.
- 8. Final report on test of individual crew conditioning system.
 W. F. Ashe and W. B. Bean.
 Armored Force Med. Research Lab. April 27, 1943
- 9. Final report on test of truck, 3/4 ton, refrigerated ambulance.
 R. H. Walpole.
 Armored Force Med. Research Lab. May 15, 1943
- 10. First report of the Habitability Mission to the Eastern Fleet 1944,
 Part V. Problems of warship habitability in tropic waters.
 F. P. Ellis.
 Report, Subcomm. Habitability, RNPRC, MRC RNP45/202(i),
 July 1945.
- 11. Notes on the cooling of tank personnel in hot climates. J. S. Weiner. Report, Comm. Clothing, MPRC - BPC 42/85, July 10, 1942.

- 12. Physiological effects of ventilated suits in a Sherman tank in hot humid conditions.
 J. A. B. Gray and B. McArdle.
 Report, Comm. Armoured Vehicles, MTRC, MTRC BFC 44/384, Oct. 1944.
- 13. Physiological effects of wearing air-conditioned and other types of clothing in a tank in hot and humid conditions.

 J. C. D. Hutchinson and B. McArdle.

 Report, Comm. Armoured Vehicles, MFRC-BPC 43/189, March 9, 1943, and addendum, Dec. 4, 1943.
- 14. Relationship between footgear pressures and foot cooling. Interim report, OEMcmr-54.
 R. C. Darling and H. S. Belding (Bcck).
 Filed with: Reports, Comm. Clin. Invest. undated (rec'd NRC-CMR, 30 Oct. 1945).
- 15. Summary of report upon "Effect upon A.F.V. personnel of operations in M3 medium in the humid tropics."

 D.H.K. Lee.

 Report, Comm. Armoured Vehicles, Australia AFV 24, undated.
- 16. Tank personnel cooling. Memorandum on some notes and comments made by W. E. Bassett at the A.F.V. Medical Committee meeting held on Tuesday, 17th August, 1943. Report, Comm. Armoured Vehicles, NHMRC, Australia - AFV 33, 23 Aug. 1943.
- 17. Trial tank air conditioning equipment. Hot room tests.

 D.H.K. Lee.

 Report, Comm. Armoured Vehicles, NHMRC Australia AFV 39,
 17 Oct. 1943.
- 18. Turret ventilation. Progress report.

 Report, Subcomm. Gunnery, RNFRC, MRC RNP 44/155, undated (rec'd NRC-CMR 17 Jan. 1945).
- 19. Ventilation of turrets. I.

 M. G. Bennett and F. E. Smith.

 Report, Subcomm. Gunnery, Comm. Royal Naval Personnel Research,

 MRC RNP 44/115/GS, 21 June 1944.
- 20. Ventilation of turrets III. Further tests on silica gel desiccators. F. E. Smith.

 Report, Subcomm. Gunnery, RNPRC, MRC RNP 44/143, Sept. 1944.
- 21. Ventilation requirements of a ventilated suit. Final report on.
 T. F. Hatch et al.
 Armored Med. Research Lab. 21 Sept. 1945.

LXIV. VISION

- A. Blind
- B. Color Vision
- C. Dazzle
- D. Depth Perception
- E. Fogging
- F. Goggles
- G. Infrared
- H, Lighting
- I. Night Vision
- J. Ophthalmology
- K. Paint
- L. Sensory Illusions
- M. Spotting
- N. Visible Signals
- O. Visual Acuity
- P. Visual Devices
- Q. Visual Tests

LXIV. *Vision 1945-46 References

- 1. Aviation medicine and physiology.
 R. H. Winfield
 War Dept., Combined Intelligence Objectives Subcomm. Report #99,
 8 Jan. 1945
- 2. Bibliography of visual literature 1939-1944, and supplement. OEMcmr-498.
 Fulton, Hoff and Perkins
 Special CAM Report 1945
- 3. Effect of fields of vision from fighter aircraft on the number and rate of accidents.
 W. J. Romejko
 War Dept., Air Forces, TSELA-3-695-48L, 11 Sept. 1945
- 4. Eye movement in sighting as related to design of turret sighting panels.

 A. M. Brues and Albert Damon
 War Dept., Air Forces, TSELA-3-697-11, 28 Feb. 1945, Appendix R.
- 5. Fifth crash injury conference.
 E. F. DuBois and W. R. Miles
 Special CAM Report 30 and 31 Oct. 1945.
- 6. Notes on obtaining comfort in the prone position when forward vision is maintained for prolonged periods. Interim report, OEMcmr-288.

 J. P. Henry et al

 Special CAM Report 23 Jan. 1946
- 7. Preliminary report of the interrogation of certain high staff officers of the Luftwaffe medical services.
 H. G. Armstrong et al
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 July 1945.
- 8. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.
 H. E. Whittingham
 FPRC Report #651 5 Mar. 1946
- 9. Restricted category personnel recategorised after orthoptic treatment (first report).

 N. G. Traylen
 Report, No. 1 Flying Personnel Research Unit, FPRC, RAAF FR 110, undated (rec'd NRC-CMR 1 June 1945)
- 10. Study of the involuntary blink rate during prolonged visual search.

 A. Carpenter

 FPRC Report #586(b) July 1945
- * The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OEMcmr-498. 1945.

Vision

11. Study of visual and cardiovascular standards in relation to success in flight training.

Div. Anthropology and Psychology, NRC - May 1946.

*Blind 1945-46 References

- 1. Admission to St. Dunstan's.
 British War Office, Army Med. Dept. Bull. #50 Aug. 1945
- 2. Progress report and summary of projects, Committee on Sensory Devices O.S.R.D.
 Filed with: Reports, Comm. Prosthetic Devices 15 June 1945
- 3. Prosthetic and sensory devices. Bimonthly progress report #4.

 P. E. Klopsteg
 Filed with: Reports, Comm. Prosthetic Devices 1 Feb. 1946
- 4. Psychological reactions in soldiers to the loss of vision of one eye.
 E. Wittkower
 British War Office Misc. Report #259 Feb. 1945
- 5. Talking book.

 K. L. Auchincloss (G. W. Corner)

 Filed with: Reports, Comm. Prosthetic Devices April 1945
- 6. Warblinded. Their emotional, social and occupational situation.
 E. Wittkower and R. C. Davenport
 British War Office Misc. Report #261 undated (rec'd NRC-CMR 18 Sept. 1945)

^{*} The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OEMcmr-498. 1945.

*Color Vision 1945-46 References

- 2. Abridged edition of the American Optical Company Pseudo-Isochromatic Plates for testing color perception. Comparison with other screening tests. L. S. Rowland and F. V. Heagan War Dept., Air Forces, Randolph Field #68 (3) - 8 May 1945
- 3. Bibliography of visual literature 1939-1944, and supplement. OEMcmr-498.
 Fulton, Hoff and Perkins
 Special CAM Report 1945
- 4. Brief history of lanterns for testing color sensation and description of the essential principles. Preliminary report. Dean Farnsworth and Priscilla Foreman Navy Dept., Med. Research Lab., U. S. Submarine Base, New London, Conn. - 15 April 1946
- 5. Comparative reaction times to Christmas tree signal lights with respect to color deficiency.

 Dean Farnsworth and J. D. Reed

 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London, Conn. 5 Feb. 1946.
- 6. Comparison and evaluation of American Optical Co. pseudo-isochromatic plates, first and second editions. Color vision report No. 8, BuMed X-480.

 Dean Farnsworth and J. D. Reed
 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London, Conn. 19 Mar. 1945.
- 7. Comparison and evaluation of American Optical Co. pseudo-isochromatic plates. First and second editions. First and final report on BuMed X-480.

 J. H. Sulzman
 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London, Conn. 16 July 1945.
- 8. Development and trials of New London Navy lantern as a selection test for serviceable color vision.

 Dean Farnsworth and Priscilla Foreman
 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London, Conn. 6 May 1946.
- * The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OEMcmr-498. 1945.

- 9. Effect of colored goggles upon color discrimination.
 OSRD, Army-Navy-OSRD vision Comm. 12 June 1945, pp. 51-55
- 10. Effect of colored lenses upon color discrimination.

 Dean Farnsworth

 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London,
 Conn. 3 Sept. 1945
- 11. Eye colour scale.

 J. Gieve and G. M. Morant

 FPRC Report #649 Nov. 1945
- 12. Interrogation of German research men.
 P. A. Campbell
 War Dept., Misc. 2 Aug. 1945
- 13. Interviews with Hans Hartinger, Werner Knothe, Theo von Spreker, Professors at Gottingen University, Institute of Professor Rein, and with Ingeborg Schmidt.

 P. A. Campbell

 War Dept., U. S. Strat. Air Forces in Europe, Misc. 9 July 1945
- 14. Memorandum to General Grow from Colonel Wright: "Notes on German research."

 H. B. Wright

 War Dept., U. S. Strat. Air Forces in Europe, Misc. 24 April 1945
- 15. Preliminary report of the interrogation of certain high staff officers of the Luftwaffe medical services.

 H. G. Armstrong et al

 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 July 1945
- 16. Relation of dark adaptation to colour vision.

 J. W. Scott and D. Y. Solandt

 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945,

 Appendix B
- 17. Report of the vision and hearing tests carried out by the R.C.N. Medical Research Testing Units at Cornwallis and at Halifax. C. G. Smith

 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945, Appendix E
- 18. Selection of color vision test plates: I. Criteria.

 E. L. Green

 War Dept., Air Forces, Randolph Field #362(1) 16 July 1945
- 19. Selection of color vision tests for the Army Air Forces: A review of studies made at the AAF School Of Aviation Medicine.

 L. S. Rowland
 War Dept., Air Forces, Randolph Field #393 (1) 1 June 1945

Color Vision

- 20. Semi-annual report of activities of Medical Research Department.

 January 1, 1944 to July 1, 1944.

 C. W. Shilling

 Navy Dept., Med. Research Lab., Submarine Base, New London, Conn.
 undated (rec'd NRC-CMR 12 Feb. 1945)
- 21. Semi-annual report of activities of Medical Research Department,

 January 1, 1945 to July 1, 1945.

 J. W. Kohl

 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London,

 Conn. undated (rec'd NRC-CMR 1 Oct. 1945)
- 22. Selection of color vision test plates. II. Selection of 18 plate test.
 L. S. Rowland and J. M. Fry
 War Dept., Air Forces, Randolph Field #362 (2) 2 July 1945
- Visual factors in aircrew selection. Special study No. 6B. The relationship of the ocular findings in the aircrew medical examination to success in pilot and navigator training.
 C. Shagass and P. A. Christie
 Proc. Assoc. Comm. Aviation Med. Research NRCC 4 April 1945, Appendix T

*<u>Dazzle</u> 1945-46 References

- 1. Effect of excessive sunlight on the retinal sensitivity of an unprotected and a completely portected eye in the same individual.
 Clark, Johnson and Dreher
 Navy Dept., Naval Air Training Center, Pensacola, Fla.,
 Project X-567(Av-295-p)(1) 11 Aug. 1945
- 2. Effect of sunlight on night vision. Annual report, OEMcmr-429. Selig Hecht et al
 CAM Report #420 24 March 1945
- 3. Effect of sunlight on night vision studied.
 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. II, #4 Dec. 1945, p. 48
- 4. Influence of exposure to intense sunlight on subsequent night vision. Selig Hecht et al
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,
 M&S Research Project X-442(Av-233-w), 26 April 1945
- 5. Protection to night vision afforded by sunglasses.
 Clark, Johnson and Dreher
 Navy Dept., Naval Air Training Center, Pensacola, Fla.,
 Project X-567(Av-295-p)(2) 18 Oct. 1945
- 6. Report from National Standards Laboratory, 20 April 1944.
 Report, Comm. Flying Personnel Research, RAAF FR 83(b), undated (rec'd NRC-CMR 13 April 1945)
- Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.
 H. E. Whittingham
 FPRC Report #651 5 Mar. 1946
- 8. Secret report no. 6 Surface brightness in the humid tropics.
 R. K. Macpherson
 Report, Comm. Flying Personnel Research, RAAF FR 119, 20 July 1945
- 9. Study of visual mechanisms in relation to military medicine and development of instruments to improve efficiency of air crews and other military personnel. OEMcmr-209.

 H. K. Hartline and L. J. Milne
 CAM Report #504 30 March 1946
- 10. Training in observation.

 E. E. Pochin
 Report, Comm. Armoured Vehicles, MPRC, MRC BPC 45/449, June 1945
- * The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OENcmr-498. 1945

*Depth Perception 1945-46 References

- Depth perception through a P-80 canopy and through distorted glass.
 Alphonse Chapanis and Stanley Schachter
 War Dept., Air Forces, TSEIA-3-695-48N, 22 Oct. 1945
- 2. Distortion in glass and its effect on depth perception.
 Stanley Schachter and Alphonse Chapanis
 War Dept., Air Forces, TSELA-3-695-48B, 27 April 1945
- 3. Handbook for Medical Examiners. Suggested revision submitted by the Committee on Medical Problems of Civil Aviation, National Research Council.

 Dept. Commerce undated (rec'd NRC-CMR 17 July 1946)
- 4. Reliability of the Verhoeff Test of depth perception.
 Richard Trumbull
 Navy Dept., U. S. Naval Air Station, Pensacola, Fla. Project X-717(1), 3 May 1946
- 5. Study of visual and cardiovascular standards in relation to success in flight training.

 Div. Anthropology and Psychology, NRC--May 1946

^{*} The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OEMcmr-498. 1945.

Fogging 1945-46 References

- 1. Goggle, M-1944; Experimental studies on moisture-absorbing lens. Christensen, Cooper and Silver
 War Dept., OQMG, Climatic Research Lab., Report #R 121-A 27 Dec. 1945
- 2. Rain repellent and antifogging compound distributed for application to surfaces of windshields and transparent closures.
 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. II, #4 Dec. 1945, pp. 38-41

^{*} The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OEMcmr-498. 1945.

*GOGGLES 1945-46 References

- 1. AAF flying sunglass.
 A. P. Gagge and E. A. Pinson
 OSRD Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 43-44
- 2. Aero-medical exploitation, Germany 1945.
 W. F. Sheeley
 War Dept., Air Forces, Misc. 1 Feb. 1945 to 15 Oct. 1945
- 3. Aiming, directing, controlling. German research papers from Rechlin.
 U. Henschke
 German File Jan. 1945
- 4. Comparative field trials on RCAF Type D and Dominion Goggle Co. Type
 B.8 goggles.

 J. W. Rogers and A. G. Archer
 Proc. Exec., Assoc. Comm. Aviation Med. Research, NRCC 13 March
 1945, Appendix P
- 5. Computation of adequate sun-scanning device.

 R. H. Peckham

 Navy Dept., Bur. Med. and Surg., Research Div. Project X-456(Av-239-p),

 5 Nov. 1945
- 6. Course of dark adaptation after wearing orange dark adaptor goggles. W. B. Clark and M. L. Johnson Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-439(Ar-230-p) - 19 Feb. 1945
- 7. Critical comparison of various tinted lenses for aviation sunglasses.
 R. H. Peckham
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 45-50
- 8. Design and development of 7 X 50 standard Navy bimoculars.
 C. G. Hamaker
 OSRD, Army-Navy-OSRD Vision Comm. 13 March 1945, pp. 23-25
- 9. Effectiveness of colored versus neutral dark adaptation goggles.
 R. H. Peckham and H. J. Older
 Navy Dept., Naval Air Station, Anacostia, D. C. Project X-483
 (Av-257-0), undated (rec'd NRC-CMR 24 Jan. 1945)
- 10. Effect of colored goggles upon color discrimination.
 OSRD, Army-Navy*OSRD Vision Comm. 12 June 1945, pp. 51-55
- 12. Effect of sunlight on night vision studied.

 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. II, #4 Dec.
 1945, p. 48
- 13. Eye flash injuries from welding arc.

 Max Trumper

 Naval Med. Research Inst. Project X-202(1), 27 March 1945

 *The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OEMcmr-498. 1945.

- 14. Field trials at Point Petre Anti-Aircraft Camp.

 M. L. Bunker

 Proc. Goord. Comm. Protect. Equip., NRCC 27 July 1945, Appendix D
- 15. Firing tests of proposed shooting glasses.

 Sherman Ross and S. B. Williams

 Navy Dept., Med. Field Research Lab., Camp LeJeune, N. C., M & S

 Research-Project X-464 (Av-245-p), 7 June 1945
- 16. Flicker fusion frequency measurements on humans subjected to positive acceleration. Interim report, OEMcmr-288.

 G. Keighley and W. G. Clark

 CAM Report #426 29 March 1945
- 17. Future of the Sub-committee on Goggles and Spectacles.
 Min. Gomm. Vision, FPRC #643, 10 Aug. 1945, Appendix A
- 18. German personal oxygen equipment, parachutes, Mae Wests, dinghies, clothing, cockpit lighting. Interrogation of Oberst Ing. Christensen, Chief of Technische, Luftrustung/Entwicklung 5 at Royal Aircraft Establishment, Farnborough, on 26th October and 1st November, 1945.

 J. C. Gilson and E. A. G. Goldie
 FPRC Report #647 Nov. 1945
- 19. Glasses, sun, M-1944, and goggles, M-1944: Effect of heat, humidity, rain and sweat upon open and packaged items.

 B. C. Butler and R. K. Oldham

 War Dept., OQMG, Climatic Research Lab., Report #210 28 Dec. 1945
- 20. Goggle, M-1944: Experimental studies on moisture-absorbing lens.
 Christensen, Cooper and Silver
 War Dept., OQMG, Climatic Research Lab., Report #R 121-A 27 Dec. 1945
- 21. How to use your eyes in the dark.

 Filed with: Reports, Comm. Armoured Vehicles, MPRC, MRC undated (rec'd NRC-CWR 12 Jan. 1945)
- 22. Interrogations of German personnel interested in German aviation.

 H. B. Burchell et al

 War Dept., U. S. Strat. Air Forces in Europe, Misc. 15 Aug. 1945
- Need and requirements for sunglasses and effect of prolonged exposure to sunlight.
 R. H. Peckham
 OSRD, Army-Navy-OSRD Vision Comm. 13 March 1945, pp. 17-22
- 24. Papers available to the Vision Committee.
 Filed with: Reports, Comm. Vision, FPRC Feb. 1945
- 25. Personal flying equipment as used in Central and Western Pacific Areas.

 A. P. Gagge
 War Dept., Air Forces, TSELA-3-695-52, 18 May 1945

Goggles

- 26. Preliminary report of the interrogation of certain high staff officers of the Luftwaffe medical services.

 H. G. Armstrong et al

 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 July 1945
- 27. Present status of goggles and sunglasses in the U. S. Navy.
 R. H. Peckham
 OSRD, Army-Navy-OSRD Vision Comm. 13 March 1945, pp. 10-12
- 28. Protection to night vision afforded by sunglasses.

 Clark, Johnson and Dreher

 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-567

 (Af-295-p)(2) 18 Oct. 1945
- 29. Questionnaire of wounded soldiers. Part III. Data on clothing in combat areas.

 E. C. Webster and F. H. Johnson
 Royal Canadian Army Report #26 15 Feb. 1945
- 30. Report from National Standards Laboratory, 20 April 1944.

 Report, Comm. Flying Personnel Research, RAAF FR 83(b), undated (rec'd NRC-CMR 13 April 1945)
- 31. Report of the Subcommittee on Sunglasses.

 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 40-42
- 32. Report on goggles designed to permit sky-scanning in the vicinity of the sun and the facilitate the observation of tracer bullets under these conditions.

 M. L. Bunker and D. Y. Solandt
 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945, Appendix D
- 33. Report on medical equipment light set (German).

 War Dept., SGO, Captured Med. Equip. Report #32 23 Jan. 1945
- 34. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945

 H. E. Whittingham

 FPRC Report #651 5 Mar. 1946
- 35. Study of the effectiveness of sunglasses in the protection of night vision. Clark, Johnson and Dreher
 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-561
 (Av-290-p)(1) 7 Sept. 1945
- 36. Symposium on German developments in vision and optical devices.

 OSRD, Army-Navy-OSRD Vision Comm. 11-12 Sept. 1945, pp. 55-62
- 37. Test of glasses, sun.
 L. B. Roberts
 Armored Med. Research Lab. 29 March 1945

G. *INFRARED 1945-46 References

- Documents and equipment obtained during investigation of German x-ray
 and associated industries.
 C. B. Horsley
 War Dept., Combined Intelligence Objectives Subcomm. Report #57 30 July 1945
- 2. Eye flash injuries from welding arc.
 Max Trumper
 Naval Med. Research Inst. Project X-202(1), 27 March 1945
- 3. Influence of exposure to intense sunlight on subsequent night vision. Selig Hecht et al
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N.C., M & S
 Research Project X-442(Av-233-w), 26 April 1945
- 4. NDRC infra-red gas analyzer for determination of rapidly changing carbon monoxide concentrations. Final report.

 Norton Nelson

 Armored Med. Research Lab. 18 May 1945
- 5. Plan for fire control research and development, F. S. Brackett Armored Med. Research Lab. - 15 Oct. 1945
- 6. Report on goggles designed to permit sky-scanning in the vicinity of the sun and facilitate the observation of tracer bullets under these conditions. M. L. Bunker and D. Y. Solandt Proc. Assoc. Comm. Naval Med. Research, NRCC - 16 Feb. 1945, Appendix D
- 7. Transmission measurements of a filter for viewing into and near the sun.
 P. D. Carman
 Proc. Coord. Comm. Protect. Equip., NRCC 27 July 1945, Appendix E
- 8. Wehrmacht items. I. G. Farben, Hochst/Main., Germany.
 R. E. Richardson et al
 War Dept., Combined Intelligence Objectives Subcomm. Report #41
 7 July 1945

^{*} The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OFMcmr-498. 1945.

*Lighting 1945-46 References

- l. Aiming, directing, controlling. German research papers from Rechlin.
 U. Henschke
 German File Jan. 1945
- 2. Analysis of night accidents in relation to changes in illumination resulting from the lunar cycle.
 Pfaffman, Fosberg and Bugelski
 Navy Dept., Naval Air Training Center, Pensacola, Fla, Project X-562 (Av-201-p) (1), 6 Aug. 1945
- 3. Edgelit range scale
 Report, Comm. Flying Personnel Research RAAF FR 100, undated
 (rec'd NRC-CMR 13 Feb. 1945)
- 4. Effect of green signal light on dark adaptation.
 OSRD, Army-Navy-OSRD Vision Comm. = 10 Jan. 1945, p. 23
- 5. German personal oxygen equipment, parachutes, Mae Wests, dinghies, clothing, cockpit lighting. Interrogation of Oberst Ing. Christensen, Chief of Technische, Luftrustung/Entwicklung 5 at Royal Aircraft Establishment, Farnborough, on 26th October and 1st November, 1945.

 J. C. Gilson and E. A. G. Goldie
 FPRC Report #647 Nov. 1945
- 6. Instrument lighting and low level illumination in submarine conning towers.
 R. H. Lee and E. M. Finch
 Naval Med. Research Inst. Project X-380(1), 17 Jan. 1945.
- 7. Interrogations of German personnel interested in German aviation.
 H. B. Burchell et al
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 15 Aug. 1945
- 8. Investigation of motion acuity under scotopic conditions at various retinal positions. Final report, OEMcmr-264, Suppl. 5-11, incl. C. J. Warden
 CAM Report #477 20 Oct. 1945
- 9. Investigation of the red illumination of the submarine conning tower.
 W. S. Verplanck
 Navy Dept., Med. Research I.ab., U. S. Submarine Base, New London,
 Conn. 15 March 1946
- * The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OEMcm -498. 1945.

Lighting

- 10. Investigation of visual factors contributing to night aircraft accidents, with special reference to methods of lighting planes.

 E. L. Walker et al

 Navy Dept., Naval Air Training Bases, Corpus Christi, Texas Project
 X-498(1), 16 July 1945
- Investigation of visual factors contributing to night aircraft accidents, with special reference to methods of lighting planes.
 E. L. Walker
 Navy Dept., Naval Air Training Bases, Corpus Christi, Texas, Project X-498(2) 15 Oct. 1945
- 12. Lighting, heating and ventilation in Royal Naval Air establishments.

 M. G. Bennett and F. E. Smith

 Report, Subcomm. Habitability, RNPRC, MRC RNP 45/209, undated

 (rec'd NRC-CMR 2 Jan. 1946)
- 13. Papers available to the Vision Committee.

 Filed with: Reports, Comm. Vision, FPRC Feb. 1945
- 14. Relation between illumination and visual efficiency the effect of brightness contrast.

 H. C. Weston
 Filed with: Indust. Health Research Board, MRC 1945
- 15. Relation of 'thresholds' of sensory acuity to perceptual efficiency.
 F. C. Bartlett
 FPRC Report #636 August 1945
- 16. Report from National Standards Laboratory, 20 April 1944.

 Report, Comm. Flying Personnel Research, RAAF FR 83(b), undated (rec'd NRC-CMR 13 April 1945)
- 17. Study of visual mechanisms in relation to military medicine and development of instruments to improve efficiency of air crews and other military personnel. OFMcmr-209.

 H. K. Hartline and L. J. Milne
 CAM Report #504 30 March 1946
- 18. Summary of visual factors relating to the design and operations of aircraft.

 War Dept., Air Forces, TSELA-3-697-11, 28 Feb. 1945, Appendix N

*Night Vision 1945-46 References

- Aiming, directing, controlling. German research papers from Rechlin.
 U. Henschke.
 German File Jan. 1945.
- Air Staff Post-hostilities Intelligence Requirements on German Air Force.
 B. Schreuder et al.
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 16 Aug. 1945.
- 3. Analysis of night accidents in relation to changes in illumination resulting from the lunar cycle.
 Pfaffman, Forsberg and Bugelski.
 Navy Dept., Naval Air Training Center, Pensacola, Fla.
 Project X-562 (Av-291-p)(1), 6 Aug. 1945.
- 4. Army Ground Forces night vision program.
 L. O. Rostenberg.
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945.
- 5. Aviation Physiologists Bulletin.
 War Dept., Air Forces, Misc. March-April 1945.
- 6. Course of dark adaptation after wearing orange dark adaptor goggles.

 N. B. Clark and M. L. Johnson.

 Navy Dept., Naval Air Training Center, Pensacola, Fla.,

 Project X-439(ar-230-p) 19 Feb. 1945.
- 7. Demon dazzle in night vision.
 R. G. Scobee and W. M. Rowland.
 War Dept., Air Forces, Randolph Field No. 277 (1) 22 April 1945.
- 8. Design, construction and preliminary evaluation of a portable, multiple brightness radium plaque adaptometer.
 Draeger, Lee and Fisher.
 Naval Med. Research Inst. Project X-311(1), 11 Aug. 1945.
- 9. Determination of the visual requirements for various tasks in armored vehicles (spotting, gunnery, driving, etc.). Partial report.

 Armored Med. Research Lab. 24 March 1945.
- 10. Effectiveness of colored versus neutral dark adaptation goggles.
 R. H. Peckham and H. J. Older.
 Navy Dept., Naval Air Station, Anacostia, D. C. Project X-483, undated (rec'd NAC-CLAR 24 Jan. 1945)

^{*}The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract Officer-498. 1945.

- 11. Effect of errors in setting the interpupillary distance of binocular telescopes on target detection at night.
 H. J. Hartline.
 OSRD. Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 25-39.
- 12. Effect of excessive sunlight on the retinal sensitivity of an unprotected and a completely protected eye in the same individual.

 Clark, Johnson and Dreher.

 Navy Dept., Navel Air Training Center, Pensacola, Fla., Project X-567(Av-295-p) (1) 11 Aug. 1945.
- 13. Effect of green signal light on dark adaptation.
 OSRD, Army-Navy-OSRD Vision Comm. 10 Jan. 1945, p. 23.
- 14. Effect of increasing the difficulty of the RPA test of night vision.
 Interval report No. 2.
 W. S. Verplanck.
 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London,
 Conn. 25 Sept. 1945.
- 15. Effect of night vision training on RPA test failure rate.

 Sherman Ross and C. G. Mueller.

 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,

 M & S Research Project X-562(Av-200-p), 9 June 1945.
- 16. Effect of short exposures to radiation from a Landing Signal Officer's lamp on dark adaptation.
 R. H. Lee.
 Naval Med. Research Inst. Project X-548(1), 12 April 1945.
- 17. Effect of sunlight on night vision. Annual report, OHMcmr-429.
 Selig Hecht et al.
 CAM Report No. 420 24 March 1945.
- 18. Effect of sunlight on night vision studied.

 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. II, No. 4,

 Dec. 1945, p. 48.
- 19. Effect of the size and variability of the pupil of the eye on the choice of exit pupil size for night binoculars.
 H. K. Hartline.
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 20-24.
- 20. Effects of increased intrapulmonary pressure on dark adaptation.
 Interim report, OEMemr-129.
 Charles Sheard (V. M. Boothby).
 CALI Report No. 449 28 May 1945.
- Evaluation of targets investigated and summary of information obtained pertaining to research in aviation medicine for the German Air Force.
 W. R. Lovelace and V. J. Dulff.
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 4 Aug. 1945.

- Experiments on the relation between absolute visual threshold and perceptual efficiency in night vision.
 M. H. Pirenne.
 Report, Comm. Armoured Vehicles, MPRC, MRC BPC 45/431,
 24 June 1945.
- 23. Factors affecting night binoculars.

 H. K. Hartline.

 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 14-15.
- 24. Factors affecting the change in focus of optical instruments at high and low illuminations. OFM.cmr-545.

 George Wald and D. R. Griffin.

 CAM Report No. 493 31 Dec. 1945.
- 25. German dark adaptometer.

 Alphonse Chapanis and R. O. Rouse.

 War Dept., Air Forces, TSELA-1-695-48K, 5 Sept. 1945.
- 26. German occupation and disarmament: Aviation medical aspects in Schleswig-Holstein.

 W. K. Stewart and H. L. Roxburgh.

 FPRC No. 627 May 1945.
- 27. How to use your eyes in the dark.

 Filed with: Reports, Comm. Armoured Vehicles, MPRC, MRC undated (rec'd MRC-C.R 12 Jan. 1945).
- 28. Individual differences in the region of maximal acuity in scotopic vision: applications to night vision testing and training.
 L. S. Rowland and W. M. Rowland.
 War Dept. Air Forces. Randolph Field No. 220(2) 19 Feb. 1945.
- 29. Influencing the dark-adaptation.

 H. W. Rose and I. Schmidt.

 German File undated (rec'd MRC-CLR 27 Feb. 1946).
- Instrument lighting and low level illumination in submarine conning towers.
 R. H. Lee and E. M. Finch.
 Naval Med. Research Inst. Project X-280(1), 17 Jan. 1945.
- 31. Interviews with Hans Hartinger, Werner Knothe, Theo von Spreker,
 Professors at Gottingen University, Institute of Professor Rein,
 and with Ingeborg Schmidt.
 P. A. Campbell.
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 9 July 1945.
- Z2. Investigation of the effect of varying the test distance upon RPA scores (Progress Report No. 1).
 Sherman Ross.
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,
 M & S Research Project No. X-472, 27 April 1945.

- 33. Investigation of the red illumination of the submarine conning tower.
 W. S. Verplanck.
 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London,
 Conn. 15 March 1946.
- E4. Investigation of visual factors contributing to night aircraft accidents, with special reference to methods of lighting planes.
 E. L. Walker.
 Navy Dept., Naval Air Training Bases, Corpus Christi, Texas, Project X-498(2) 15 Oct. 1945.
- 35. Investigation of visual factors contributing to night aircraft accidents, with special reference to methods of lighting planes.

 E. L. Walker et al.

 Nav/ Dept., Naval Air Training Bases, Corpus Christi, Texas, Project X-498(1), 16 July 1945.
- Need and requirements for sunglasses and effect of prolonged exposure to sunlight.
 R. H. Peckham
 OSRD, Army-Navy-OSRD Vision Comm. 13 March 1945, pp. 17-22.
- 27. Night division demonstration applicable to the decompression chamber. H. A. F. Rofe.

 Report, Comm. Flying Personnel Research, RAAF FR 111, undated (rec'd NRC-CMR 12 July 1945).
- 38. Night vision: A review of investigations at the AAF School of Aviation Medicine.
 W. M. Rowland.
 War Dept., Air Forces, Randolph Field No. 399 (1) 3 July 1945.
- 39. Night vision problems in the R.C.A.F. and the R.A.F. K. A. Evelyn. FPRC Report No. 618(b) - 26 April 1945.
- 40. Night vision program at Camp Bradford.

 John Sulzman.

 OSRD. Army-Navy-OSRD Vision Comm. 10 Jan. 1945. pp. 9-15.
- 41. Nutritional deficiency diseases in the Armed Forces.

 British War Office, Army Med. Dept. Bull., Suppl. No. 22,
 June 1945.
- 42. Outdoor study of night vision.

 K. A. Evelyn et al.

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 26 April 1945,
 Appendix C.
- 43. Outline of proposed test of optical instruments for night use.
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 27-29.
- 44. Papers available to the Vision Committee.
 Filed with: Reports, Comm. Vision, FPRC Feb. 1945.

Night Vision

- 45. Papers available to the Vision Committee.

 Filed with: Reports, Comm. Vision, FPRC March 1945.
- 46. Physiological considerations on the choice of pressures for pressure cabin military aircraft.
 H. L. Roxburgh.
 FPRC Report No. 402(a) 9 Jan. 1945.
- 47. Preliminary report of the interrogation of certain high staff officers of the Lurtwaffe medical services.

 H. G. Armstrong et al.

 War Dept., U. S. Strat. Air Forces in Europe. Misc. 16 July 1945.
- 48. Prof. A. Kolrausch (Assessment report).
 A. J. Skey and K. J. Nilsson.
 War Dept., Clos, Consolidated Advance Field Team, Misc. 6 May 1945.
- 49. Progress report from the R.C.A.F. Biophysics Laboratory, McGill University, for the period Sept. 15, 1944 to Feb. 15, 1945.

 K. A. Evelyn.

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945, Appendix H.
- 50. Protection to night vision afforded by sunglasses.
 Clark, Johnson and Dreher.
 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-567(Av-295-p)(2) 18 Oct. 1945.
- 51. Reaction-time and the light-intensity of the stimulus.
 H. J. Autrum and H. Strughold.
 German File Mar. 1945.
- 52. Reasons for the establishment of a visual training course for special duty look-outs.

 Livingston, Robertson, and Gwilt.

 F.P.R.C. report 421.
- 53. Recommendations for night vision testing and training program for the amphibious training bases, Atlantic Fleet. H. R. King and E. W. Davis. Navy Dept., Bur. Med. & Surgery Research Div. - undated (rec'd NRC-CMR - 17 Feb., 1944).
- 54. Recovery times of dark adaptation after exposure to brightness.

 Min. Comm. Vision, FPRC (orig.) No. 521 May 27, 1943, p. 5,6.
- 55. References on vision: Volume One "Aberrations" to "Compensation".

 Lighting Research Lab., General Electric Co.

 Navy Dept., Misc. 1 Mar. 1943.
- 56. Relation of dark adaptation to colour vision.

 J. W. Scott and D. Y. Solandt.

 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945,

 Appendix B and pp. 7-8.

- 57. Relation of 'thresholds' of sensory acuity to perceptual efficiency.
 F. C. Bartlett.
 FPRC Report No. 636 August 1945.
- 58. Report of the vision and hearing tests carried out by the R.C.N.

 Medical Research Testing Units at Cornwallis and at Halifax.

 C. G. Smith.

 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945,

 Appendix E.
- 59. Report of work being done on color vision and dark adaptation in Augenklinik, University of Heidelberg.

 Keith Rhea.

 War Dept., Clos, Consolidated Advance Field Team, Misc. undated (rec'd NRC-CLR 27 Feb. 1946).
- Report on the use made of night vision grades by Canadian troops during operations.
 D. A. Mackay and W. J. W. Smith.
 Proc. Assoc. Comm. Army Med. Research, NRCC 7-8 Dec. 1945, Vol. 5, Appendix G.
- 61. Report on visit to the Physiological Institute of Gottingen. Investigation of the Holzlohner and Jager night vision test (nachtsewahler).

 E. A. G. Goldie and J. C. Gilson.

 FFRC Report No. 632 15 June 1945. Appendix B.
- 62. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.

 H. E. Whittingham.

 FPRC Report No. 651 5 Mar. 1946.
- 62. Role of vestibular nystagmus in the visual preception of a moving target in the dark.

 Ashton Graybicl et al.

 Navy Dept., Naval Air Training Center, Pensacola, Fla., Project X-148(Av-V4-3) (5) 14 Jan. 1946.
- 64. Shadowgraph: Night visual capacity of air gunners as related to hexagon score. P.F.F. Remarks by Professor Bott, 22nd March 1945.

 J. C. MacGowan and L. G. Johnson.

 Filed with: Reports, Comm. Vision, FPRC 23 March 1945.
- 65. Studies and investigations in connection with a test for peripheral visual acuity: The development of simple form acuity in the retinal periphery during dark adaptation under scotopic conditions. Annual report, O.A.M.cmr-345.

 F. N. Low.

 CAM Report No. 464 7 June 1945.
- 66. Studies and investigations in connection with a test for peripheral visual acuity: the night visual acuity of 100 normal night seers. Interim report, OEL.cmr-345.

 F. N. Low.

 CAM Report No. 409 25 Jan. 1945.

Night Vision

- 67. Study of pupil size at low levels of illumination.

 I. H. Wagman.

 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 12-14.
- 68. Study of the effectiveness of sunglasses in the protection of night vision.
 Clark, Johnson and Dreher.
 Navy Dept., Naval Air Training Center, Pensacola, Fla.,
 Project X-561(av-290-p) (1) 7 Sept. 1945.
- 69. Study of the learning resulting from the use of the Navy night vision training devices.

 Brant Clark et al.

 Navy Dept., Naval Air Training Center, Pensacola, Fla.
 Project X-562(Av-292-p)(1), 25 July 1945.
- 70. Study of the relation of night vision ability to age in Canadian Army personnel.

 L. J. Tuttle.

 Proc. Assoc. Comm. Army Med. Research, NRCC 27 April 1945, Vol. 3, Appendix Q.
- 71. Summary of visual factors relating to the design and operations of aircraft.

 Wer Dept., Air Forces, TShLA-3-697-11, 28 Feb. 1945, Appendix N.
- 72. Technical manual for low pressure chamber operators.
 C. F. Gell et al.
 Navy Dept., Bur. Med. and Surg., Aviation Med. Div. undated (rec'd NRC-CLE 5 May 1945).
- 73. Training in observation.

 E. L. Pochin.

 Report, Comm. Armoured Vehicles, MPRC, MRC BPC 45/449, June 1945.
- 74. Tropical medicines and other medical subjects in Germany.

 J. B. Rice.

 War Dept., Combined Intelligence Objectives Subcomm. Report No. 76 undated (rec'd NRC-CMR 23 Oct. 1945).
- 75. Visual effectiveness of low reflectance coatings applied to transparent areas of aircraft.

 Alphonse Chapanis and Stanley Schachter.

 War Dept., Air Forces, TSEAL-3-695-62, 31 Oct. 1945.
- 76. Visual factors in aircrew selection. Special study No. 6B. The relationship of the ocular findings in the aircrew medical examination to success in pilot and navigator training.
 C. Shagass and P. A. Christie.
 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945, Appendix T.
- 77. Visual thresholds of point sources in fields of brightness from zero to daylight.

 Tousey, Knoll and Hulburt.

 OSRD, Army-Navy-OSRD Vision Comm. 12 March 1945, pp. 42-44.

*OPHTHALMOLOGY 1945-46 References

- 1. Aviation ophthalmology in Canada and the U.S.A. outlined. FPRC Report #650 - 30 Nov. 1945, Appendix A
- 2. Factors affecting the change in focus of optical instruments at
 high and low illuminations.
 OEMcmr-545.
 George Wald and D. R. Griffin
 CAM Report #493 31 Dec. 1945
- 3. Report on fitting glasses and contact lenses.
 C. R. Shorney
 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945, Appendix L
- 4. Bibliography of visual literature 1939-1944, and supplement.

 OEMcmr-498.

 Fulton, Hoff and Perkins

 Special CAM Report 1945
- Visual factors in aircrew selection. Special study No. 6B. The relationship of the ocular findings in the aircrew medical examination to success in pilot and navigator training.
 C. Shagass and P. A. Christie
 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945, Appendix T

^{*} The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OEMcmr-498. 1945.

* PAINT 1945-46 References

- 2. German personal oxygen equipment, parachutes, Mae Wests, dinghies, clothing, cockpit lighting. Interrogation of Oberst Ing. Christensen, Chief of Technische, Luftrustung/Entwicklung 5 at Royal Aircraft Establishment, Farnborough, on 26th October and lst November, 1945.
 J. C. Gilson and E. A. G. Goldie
 FPRC Report #647 Nov. 1945
- Toxicity and potential dangers of fungicidal paints and varnishes containing phenyl mercuric salicylate, pentachlorophenol, and salicylanilide, when used to spray or coat registers, wiring, and coils of electronic devices.
 W. F. von Oettingen et al Naval Med. Research Inst. Project X-536(1), 8 June 1945
- 4. Visual effectiveness of low reflectance coatings applied to transparent areas of aircraft.

 Alphonse Chapanis and Stanley Schachter
 War Dept., Air Forces, TSEAL-3-695-62, 31 Oct. 1945

^{*} The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OEMcmr-498. 1945.

*Sensory Illusions 1945-46 References

- 1. Autokinetic illusion. (A study of factors in the light source).
 Honeyman, Cowper and Rose
 FPRC Report #664 June 1946
- 2. Concept of aviator's "vertigo".
 W. E. Vinacke
 Navy Dept., U. S. Naval Air Station, Pensacola, Fla. Project X-148(7),
 8 May 1946
- 3. Effects of angular acceleration and centrifugal force on non-visual space orientation during flight. I. Methodology and preliminary results. K. MacCorquodale
 Navy Dept., Naval Air Station, Pensacola, Fla. Project X-148(14), 13 July 1946
- 4. Effects of angular acceleration and centrifugal force on non-visual space orientation during flight. II. Influence of habituation and technique of assuming the turn.

 MacCorquodale, Graybiel and Clark
 Navy Dept., Naval Air Station, Pensacola, Fla. Project X-148(15),
 22 July 1946
- 5. "Fascination" in flight.
 W. E. Vinacke
 Navy Dept., Naval Air Station, Pensacola, Fla. Project X-148(13),
 8 July 1946
- 6. Illusions experienced by airdraft pilots while flying. W. E. Vinacke Navy Dept., U. S. Naval Air Station, Pensacola, Fla. - Project X-148(9), 31 May 1946
- 7. Illusory perception of movement caused by angular acceleration and by centrifugal force during flight. II. Visually perceived movement of a fixed target during turns.

 Clark, Graybiel and MacCorquodale
 Navy Dept., Naval Air Training Station, Pensacola, Fla. X-148(8), 16
 May 1946
- 8. Illusory perception of movement caused by angular acceleration and by centrifugal force during flight. III. Habituation and technique of assuming the turn as factors in illusory perception.

 Clark, Graybiel and MacCorquodale

 Navy Dept., Naval Air Station, Pensacola, Fla. Project X-148(11), 1 July 1946
- 9. Predicting the susceptibility of aviators to "vertigo": a preliminary study.
 W. E. Vinacke
 Navy Dept., Naval Air Station, Pensacola, Fla. Project X-148(10),
 21 June 1946

^{*}The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OFMemr-498. 1945.

Sensory Illusions

10. "Vertigo" as experienced by naval aviators.

W. E. Vinacke

Navy Dept., Naval Air Station, Pensacola, Fla. - Project X-148(12),

3 July 1946

*Spotting 1945-46 References

- 1. Dichromatic tracer detection filter.
 R. H. Peckham
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 69-70
- 2. Effect of errors in setting the interpupillary distance of binocular telescopes on target detection at night.
 H. K. Hartline
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 35-39
- 3. Influence of size and symmetry on contrast discrimination.

 E. S. Lamar

 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 15-19
- 4. Interrelations of size, shape and contrast in the daytime detection of targets. OEMcmr-429.

 Selig Hecht et al

 Special CAM Report undated (rec'd NRC-CMR 10 Sept. 1946)
- 5. Modification and explanation of recognition instructional procedures.
 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 16-17
- Modification of procedure of sky scanning for lookouts aboard ship.
 W. S. Verplanck
 OSRD, Army-Navy-OSRD Vision Comm. 10-11 July 1945, pp. 18-19
- 7. Problems of visual search.
 G. E. Kimball and E. S. Lamar
 OSRD, Army-Navy-OSRD Vision Comm. 10 Jan. 1945, pp. 16-22
- 8. Sky scanning by shipboard lookouts.

 I. H. Wagman
 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, p. 21
- 9. Some experiments on lookout scanning rate's.
 G. E. Kimball
 OSRD, Army-Navy-OSRD Vision Comm. 10-11 July 1945, pp. 25-33
- 10. Training in observation.

 E. E. Pochin
 Report, Comm. Armoured Vehicles, MPRC BPC 45/449, June 1945
- * The 1945-46 references listed supplement "A Bibliography of Visual Literature, 1939-1944," compiled by Fulton, Hoff and Perkins. Contract OEMcmr-498. 1945

*Visible Signals 1945-46 References

- 1, Aero-medical exploitation, Germany 1945.
 W. F. Sheeley
 War Dept., Air Forces, Misc. 1 Feb. 1945 to 15 Oct. 1945
- 2. Air-sea rescue emergency equipment reviewed. Navy Dept., Coast Guard, Air Sea Rescue Bull. Vol. II, #3 -Nov. 1945, pp. 12-13
- 3. Body signals.
 War Dept., Air Forces, PIF undated (rec'd NRC-CMR 5 Feb. 1945)
- 4. Day and night distress signal.

 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. III, #2
 Feb. 1946, p. 5
- 5. Distress signal for commercial use.
 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol III, #4 Apr. 1946, p. 32
- 6. Distress smoke hand signal will be incorporated in life vest equipment. AN standardization approved. Navy Dept., Coast Guard, Air Sea Rescue Bull. #9 - March 1945, pp. 11-12
- 7. Heliographic signaling mirrors.
 R. S. Hunter
 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. III, #3 Mar. 1946, PP. 25-29, 48
- 8. I.G. at Elberfeld and Leverkusen. Preliminary report to T-Force.
 Curtis, Davis, and Eley
 War Dept., Combined Intelligence Objectives Subcomm. Report #11 28 April 1945
- 9. Interrelations of size, shape and contrast in the daytime detection of targets. OEMcmr-429.

 Selig Hecht et al

 Special CAM Report undated (rec'd NRC-CMR 10 Sept. 1946)
- 10. Investigation on cold weather clothing, tropical clothing and life saving equipment.
 C. R. Cowan and R. Grant
 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945,
 Appendix A
- 11. Life preserver vest.

 War Dept., Air Forces, PIF undated (rec'd NRC-CMR 5 Feb. 1945)
- *The 1945-46 references listed supplement "A Bibliography of Visual Literature, 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OEMcmr-498. 1945.

- 12. Life saving equipment. Life jackets, light switches for jackets, carbon dioxide containers to inflate vests.

 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945
- 13. Panel, oxygen, central warning.

 Benoit, Lovelace and Carlson

 War Dept., Air Forces, TSEAL-3-660-75, 11 April 1945
- 14. Panel signals
 War Dept., Air Forces, PIF undated (rec'd NRC-CMR 5 Feb. 1945)
- 15. Pyrotechnic pistols.
 War Dept., Air Forces, PIF undated (rec'd NRC-CMR 5 Feb. 1945)
- 16. Pyrotechnics for use in air-sea rescue.

 Navy Dept., Coast Guard, Air Sea Rescue Bull. #9 March 1945,

 pp. 13-14.
- 17. Rescue equipment facilities tested.

 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol III, #4
 Apr. 1946, pp. 20-21.
- 18. Resume of the buoyage system of the United States.
 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol II, #4 Dec. 1945, pp. 24, 28
- 19. Smoke grenades.

 War Dept., Air Forces, PIF undated (rec'd NRC-CMR 5 Feb. 1945)
- 20. Synthetic training of pathfinder air bombers in visual centering on target indicators.

 Bartlett, Horn and Mackworth

 FPRC Report #423(w) July 1945
- 21. TN illustrates quick-release clamp for floating lantern.
 Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. II, #3 Nov. 1945, p. 41
- 22. Visibility of lines and squares at high brightnesses as influenced by sunglasses. OEMcmr-429.

 Hecht, Ross and Mueller

 Special CAM Report undated (rec'd NRC-CMR 10 Sept. 1946)
- 23. Visual range of emergency signaling equipment.
 Navy Dept., Coast Guard undated (rec'd NRC-CMR 4 Oct. 1945)

*Visual Acuity 1945-46 References

- Aiming, directing, controlling. German research papers from Rechlin.
 U. Henschke.
 German File Jan. 1945.
- 2. Assessment of 'perceptual ability'.
 M. D. Vernon.
 FPRC Report No. 665 Nov. 1945.
- 3. Comparison of five methods of screening for acuity and muscle balance.

 J. H. Sulzman et al.

 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 34-42.
- 4. Comparison of results of sight-screener and clinical tests.

 Fonda, Green and Heagan.

 War Dept., Air Forces, Randolph Field No. 480 (1) 4 Sept. 1946.
- 5. Comparison of the Hecht adaptometer and the Miles illuminous disc adaptometer.
 F. C. Keil.
 War Dept., Air Forces, Randolph Field No. 17 (1) 31 March 1942.
- Design of a study of the relationships between visual measures and flight performance.
 M. S. Viteles.
 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 42-56.
- 7. Effect of errors in setting the interpupillary distance of binocular telescopes on target detection at night.
 H. K. Hartline.
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 25-29.
- 8. Effect of glasses, sun, N-1, on visual acuity at high brightnesses. Selig Hecht et al.

 Navy Dept., Led. Field Research Lab., Camp Lejeune, N. C., M & S

 Research Project No. X-672 11 June 1946.
- 9. Effect of the size and variability of the pupil of the eye on the choice of exit pupil size for night binoculars.

 H. K. Hartline.

 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 10-24.
- 10. Effects of acceleration on man.

 War Dept., Air Forces, TSELA-2-697-11, 28 Feb. 1945, Appendix I.

^{*}The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944". compiled by Fulton. Horf and Perkins. Contract OEMcmr-498. 1945.

- 11. Effects of heat and high humidity on prolonged visual search as
 measured by the clock test.
 N. H. Mackworth.
 FPRC Report No. 586(c) Feb. 1946.
- Evaluation of targets investigated and summary of information obtained pertaining to research in aviation medicine for the German Air Force.
 W. R. Lovelace and V. J. Dulff.
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 4 Aug. 1945.
- 13. Four variables in testing visual acuity.

 Dean Farnsworth.

 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 57-60.
- 14. Further experiments on the assessment of 'perceptual ability'.
 M. D. Vernon.
 FPRC Report No. 665a Jan. 1946.
- 15. Individual differences in the region of maximal acuity in scotopic vision: applications to night vision testing and training.
 L. S. Rowland and W. M. Rowland.
 War Dept., Air Forces, Randolph Field No. 220(2) 19 Feb. 1945.
- 16. Influence of size and symmetry on contrast discrimination.
 E. S. Lamar.
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 15-19.
- 17. Interrelations of size, shape and contrast in the daytime detection of targets. OHMcmr-429.
 Selig Hecht et al.
 Special CAM Report undated (rec'd NRC-CMR 10 Sept. 1946).
- 18. Interrogation of combat veterans.
 N. E. Collias and W. H. Bachrach.
 War Dept., Air Forces, TSELA-3-697-15, 17 May 1945.
- 19. Investigation of motion acuity under scotopic conditions at various retinal positions. Final report, OEMcmr-264, Suppl. 5-11, incl. C. J. Warden.
 CAM Report No. 477 20 Oct. 1945.
- 20. Medical aspects of R.A.F. polar research flights.
 R. H. Winfield.
 FPRC Report No. 662 Jan. 1946.
- 21. Memorandum to General Grow from Colonel Wright: "Notes on German
 research".
 H. B. Wright.
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 24 April 1945.
- 22. New design of acuity test object.

 R. H. Peckham.

 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 61-64.

Visual Acuity

- 23. Papers available to the Vision Committee.
 Filed with: Reports, Comm. Vision, FPRC Feb. 1945.
- 24. Reaction-time and the light-intensity of the stimulus.
 H. J. Autrum and H. Strughold.
 German File Mar. 1945.
- 25. Relation of 'thresholds' of sensory acuity to perceptual efficiency.
 F. C. Bartlett,
 FPRC Report No. 636 August 1945.
- 26. Relationship of visual acuity to success in navigator training. A. H. Sellers and J. C. McKibbon. Proc. <u>Exec.</u>, Assoc. Comm. <u>Aviation Med. Research</u>, NRCC -13 March 1945, Appendix Z.
- 27. Report of the Subcommittee on Procedures and Standards for Visual Examinations.

 OSRD, Army-Navy-OSRD Vision Comm. 11-12 Sept. 1945, pp. 29-49.
- 28. Report of the vision and hearing tests carried out by the R.C.N. Medical Research Testing Units at Cornwallis and at Halifax.

 C. G. Smith.

 Proc. Assoc. Comm. Naval Med. Research, NRCC 16 Feb. 1945,
 Appendix E.
- 29. Reviews of physical standards for airmen. Appendix C. Filed with: Reports, Comm. Med. Problems of Civil Aviation undated (rec'd NRC-CMR 22 Aug. 1946).
- ZO. Scale and dial reading.
 M. D. Vernon.
 FPRC Report No. 668 July 1946.
- 31. Studies and investigations in connection with a test for peripheral visual acuity: some characteristics of peripheral visual performance. Object-345.

 F. N. Low.

 CAM Report No. 503 21 Feb. 1946.
- 22. Studies and investigations in connection with a test for peripheral visual acuity: The development of simple form acuity in the retinal periphery during dark adaptation under scotopic conditions. Annual report, OEMcmr-345.

 F. N. Low.

 CAM Report No. 464 7 June 1945.
- 23. Studies and investigations in connection with a test for peripheral visual acuity: the night visual acuity of 100 normal night seers. Interim report, OEMcmr-145.

 F. N. Low
 CAM Report No. 409 25 Jan. 1945.

- 34. Study of errors in range estimation with the unaided eye: Partial report.

 Arthur Freedman.

 Armored Med. Research Lab. 30 April 1945.
- 35. Study of visual acuity targets.

 C. G. Mueller and Philip Richmond.

 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C., M & S

 Research Project X-671 28 May 1946.
- 36. Study of visual and cardiovascular standards in relation to success in flight training.

 Div. Anthropology and Psychology. NRC May 1946.
- 37. Study of visual mechanisms in relation to military medicine and development of instruments to improve efficiency of air crews and other military personnel.

 OEMcmr-209.

 H. K. Hartline and L. J. Milne.

 CAM Report No. 504 30 March 1946.
- 38. Testing visual acuity. Manual of Instructions.

 OSRD, Army-Navy-OSRD Vision Comm. 10-11 July 1945, Appendix.
- 39. Visibility of lines and squares at high brightnesses as influenced by sunglasses. OEMcmr-429.

 Hecht, Ross and Muelier.

 Special CAM Report undated (rec'd NRC-CMR 10 Sept. 1946).
- 40. Visibility in heavy bombardment aircraft.

 N. E. Collias and W. H. Bachrach.

 War Dept., Air Forces, TSELA-1-697-18, 26 May 1945.
- 41. Visibility under simulated rain conditions in flight.
 W. J. Romejko.
 War Dept., Air Forces, TSELA-3-695-481, 4 Aug. 1945.
- 42, Visual acuity and contrast discrimination through neutral and color filters.
 W. S. Verplanck.
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 71-72.
- 43. Visual acuity measurements with three commercial screening devices.
 Research project X-493.
 Sulzman, Cook and Bartlett.
 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London, Conn. 7 Feb. 1946.
- 44. Visual factors in aircrew selection. Special study No. 6B. The relationship of the ocular findings in the aircrew medical examination to success in pilot and navigator training.
 C. Shagass and P. A. Christie.
 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945, Appendix T.

Visual Acuity

- 45. Visual factors relating to the design and operation of aircraft.

 E. A. Pinson et al.

 War Dept., Air Forces, Tech. Note, TSEAL 2-2, 7 June 1945.
- 46. Visual standards in aviation.

 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 27-30.
- 47. Visual thresholds of point sources in fields of brightness from zero to daylight.
 Tousey, Knoll and Hulburt.
 OSRD, Army-Navy-OSRD Vision Comm. 13 March 1945, pp. 43-44.

*Visual Devices 1945-46 References

- 1. Analysis of the sources of error in the use of the aiming circle and development of an improved instrument. Fourth partial report. Armored Med. Research Lab. 28 March 1945
- 2. Analysis of the sources of error in the use of the panoramic telescope M12 and development of principles of design for an improved instrument.

 Hatch, Brackett and Horvath.

 Armored Med. Research Lab. 22 March 1945.
- 3. Anatomical sight. (Application of principles previously determined to the ideal A.L.O. sight G.D.O. 448/44).

 Darcus, Golby and Weddell

 Report, Subcomm. Gunnery, RNPRC, MRC RNP 45/213, July 1945
- 4. Binocular modification providing quick adjustment of interpupillary distance and diopter setting.

 Brackett, Roberts and Weymouth

 Armored Med. Research Lab. 15 Oct. 1945
- 5. Check sight scoring methods.

 H. P. Birmingham et al

 NDRC Report, OSRD #4525 3 Jan. 1945
- 6. Comparative test of reticle patterns for the Gun Sight Mark 15.
 H. P. Birmingham et al
 NDRC Report, OSRD #4878 30 Mar. 1945
- 7. Comparison of binocular and monocular viewing of tests for monocular acuity on the orthorater.
 Dean Farnsworth
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 67-68.
- 8. Comparison of two non-timing methods for scoring on-target tracking on the 40 mm. gun equipped with the computing sight M7.
 J. H. Rapparlie
 NDRC Report, OSRD #4647 29 Jan. 1945
- 9. Design and tests of rifle sights.
 OSRD, Army-Navy-OSRD Vision Comm. 11-12 Sept. 1945, pp. 37-38.
- 10. Effect of errors in setting the interpupillary distance of binocular telescopes on target detection at night.

 H. K. Hartline
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 35-39.
- *The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OEMcmr-498, 1945.

Visual Devices

- 13. Errors in reading scales and changing deflections of panoramic telescopes.

 R. N. Berry et al

 NDRC Report, OSRD #5070 18 May 1945
- 14. Errors in setting deflections on panoramic telescopes.
 R. N. Berry et al
 NDRC Report, OSRD #5071 18 May 1945
- 15. Evaluation of targets investigated and summary of information obtained pertaining to research in aviation medicine for the German Air Force.
 W. R. Lovelace and V. J. Dulff
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 4 Aug. 1945
- Experimental procedure and correction function used in studies conducted at the Dartmouth Eye Institute.
 H. F. Weaver
 OSRD, Army-Navy-OSRD Vision Comm. 13 March 1945, pp. 35-36.
- 17. Factors affecting night binoculars.

 H. K. Hartline
 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 14-15.
- 18. Factors affecting the change in focus of optical instruments at high and low illuminations. OEMcmr-545.

 George Wald and D. R. Griffin
 CAM Report #493 31 Dec., 1945
- 19. Final report in summary of work on the selection and training of stereoscopic height finder observers.

 W. C. Biel et al

 NDRC Report, OSRD #3773 14 June 1944
- 20. Final report on psychological factors in operation and design of field artillery, tank destroyer, and tank sighting equipment.

 R. N. Berry et al

 NDRC Report, OSRD #5342 16 July 1945
- 21. General outline of the binocular testing program.

 Theodore Dunham, Jr.

 OSRD, Army-Navy-OSRD Vision Comm. 13 March 1945, pp. 33-35.
- 22. Glasses, sun, M-1944, and goggles, M-1944: Effect of heat, humidity, rain and sweat upon open and packaged items.

 B. C. Butler and R. K. Oldham

 War Dept., OQMG, Climatic Research Lab., Report #210 28 Dec. 1945

- 23. Gross errors in reading scales of panoramic telescopes.
 R. N. Berry et al
 NDRC Report, OSRD #4934 13 April 1945
- 24. Hand-held instrument for measuring visual fields from aircraft.
 Michael Leyzorek
 War Dept., Air Forces, TSELA-3-695-48C, 11 April 1945
- 25. How to use your eyes in the dark.

 Filed with: Reports, Comm. Armoured Vehicles, MPRC, MRC undated (rec'd NRC-CMR 12 Jan. 1945)
- 26. Interocular setting of binoculars.

 E. E. Pochin
 Report, Comm. Armoured Vehicles, MPRC, MRC BPC 45/450, Sept. 1945
- 27. Investigation of motion acuity under scotopic conditions at various retinal positions. Final report, OEMcmr-264, Suppl. 5-11, incl. C. J. Warden
 CAM Report #477 20 Oct. 1945
- 28. Magnification discrepancy in binocular instruments.
 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 18-20.
- 29. Military characteristics and design of observation telescope.
 F. S. Brackett
 Armored Med. Research Lab. 1 May 1945
- 30. Naval Air Station designs home-made sight for dropping rescue gear. Navy Dept., Coast Guard, Air Sea Rescue Bull., Vol. II, #3 Nov. 1945, pp. 36-37.
- 31. Note re fixed-focus optical devices.
 C. W. Bray
 OSRD, Army-Navy-OSRD Vision Comm. 13 March 1945, pp. 13-16.
- 32. Outline of proposed test of optical instruments for night use.
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 27-29.
- 33. Papers available to the Vision Committee.
 Filed with: Reports, Comm. Vision, FPRC March 1945
- 34. Problems in the design of rangefinder reticles.
 C. H. Graham
 OSRD, Army-NAVY-OSRD Vision Comm. 11-12 Sept. 1945, pp. 34-36.
- 35. Procedure and results of the Brown University binocular program.
 C. W. Miller
 OSRD, Army-Navy-OSRD Vision Comm. 13 March 1945, pp. 38-42
- 36. Prosthetic and sensory devices. Bimonthly progress report #4.
 P. E. Klopsteg
 Filed with: Reports, Comm. Prosthetic Devices 1 Feb. 1946

Visual Devices

- 37. Qualitative field tests of binoculars.
 E. O. Hulburt
 OSRD, Army-Navy-OSRD Vision Comm. 10-11 July 1945, pp. 16-17.
- 38. Questions concerning design of binoculars and telescopes.
 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 22-23
- 39. Relationship of interpupillary distance to performance on the orthorater.

 J. H. Sulzman
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 62-66.
- 40. Report no. 1 of the Subcommittee on Design and Use of Binoculars. Selig Hecht
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 20-26.
- 41. Report on visit to the Physiological Institute of Gottingen.
 Investigation of the Holzlohner and Jager night vision test
 (nachtsewahler).

 E. A. G. Goldie and J. C. Gilson
 FPRC Report #632 15 June 1945, Appendix B
- 42. Report on Wild Heerbrugg, Rangefinder, 80cm Base, 1944. First partial report on investigation of short base rangefinders.

 D. J. Howe
 Armored Med. Research Lab. 19 April 1946
- 43. Research on medical aspects of aircraft design and on development and application of prosthetic appliance. Interrogation report. War Dept., Air Forces, TSEAA-660-99, 28 Feb. 1946, Appendix E
- 44. Results of studies conducted at the Dartmouth Eye Institute.
 Lillian Elveback
 OSRD, Army-Navy-OSRD Vision Comm. 13 March 1945, pp. 36-37.
- 45. Searcher sights: Part I. The operation and design of searcher sights.

 Part II. Comments on the searcher sight of the Mark VI director.

 G. Weddell

 Report, Subcomm. Gunnery, RNPRC, MRC RNP 44/163, undated

 (rec'd NRC-CMR 23 Oct. 1945)
- 46. Some notes on visual devices and procedures observed on new German submarines.

 W. S. Verplanck

 OSRD, Army-Navy-OSRD Vision Comm. 11-12 Sept. 1945, Supplement, pp. 65-67.
- 47. Special binoculars used for Navy's night lookout operations.
 Navy Dept., Coast Guard, Air Sea Rescue Bull. #3 July 1946, p. 41.
- 48. Study of gunnery errors made with different panoramic telescopes on Bishop Trainers.

 R. N. Berry et al

 NDRC Report, OSRD #4935 13 April 1945

- 49. Study of pupil size at low levels of illumination.

 I. H. Wagman
 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 13-14.
- 50. Study of the durability of glasses, sun, N-1, contract no. NXsX-66844. Sherman Ross and C. G. Mueller
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C., M & S
 Research Project no. X-583 (Av-301-p) 27 Aug. 1945.
- 51. Study of the effectiveness of glasses, sun, N-1, contract No. NXsX66844.
 Ross, Mueller and Richmond
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,
 M & S Research Project X-542 27 May 1946.
- 52. Study of visual mechanisms in relation to military medicine and development of instruments to improve efficiency of air crews and other military personnel.
 OEMcmr-209.
 H. K. Hartline and L. J. Milne
 CAM Report #504 30 March 1946
- 53. Summary of visual factors relating to the design and operations of aircraft.

 War Dept., Air Forces, TSELA-3-697-11, 28 Feb. 1945, Appendix N
- 54. Supplementary data on the validity of a non-timing method for scoring on-target tracking on the 40 mm gun equipped with the computing sight M 7.

 J. H. Rapparlie

 NDRC Report, OSRD #5219 18 June 1945.
- 55. Symposium on German developments in vision and optical devices.

 OSRD, Army-Navy-OSRD Vision Comm. 11-12 Sept. 1945, pp. 55-62.
- 56. Synthetic training of pathfinder air bombers in visual centering on target indicators.

 Bartlett, Horn and Mackworth

 FPRC Report #423(w) July 1945
- 57. System of automatic devices for the detection and recording of errors in a 105 mm. howitzer battery.
 R. N. Berry et al
 NDRC Report, OSRD #5313 6 July 1945
- 58. Tests of the graded density sun glass, type "A" and "B" in connection with AAF board project J-4035.
 R. G. Scobee
 War Dept., Air Forces, Randolph Field #358 (1) 27 Jan. 1945.
- 59. Visibility of lines and squares at high brightnesses as influenced by sunglasses. OEMcmr-429.

 Hecht, Ross and Mueller

 Special CAM Report undated (rec'd NRC-CMR 10 Sept. 1946)

*Visual Tests 1945-46 References

- Abridged edition of the American Optical Company Pseudo-Isochromatic Plates for testing color perception. Comparison with other screening tests.
 L. S. Rowland and F. V. Heagan War Dept., Air Forces, Randolph Field #68 (3) 8 May 1945
- 2. Analysis of the ophthalmic portion of the "64" examination
 (2) muscle balance: A summary of suggested changes.
 R. G. Scobee
 War Dept., Air Forces, Randolph Field #139 (2) 1 Aug. 1945
- 3. Brief history of lanterns for testing color sensation and description of the essential principles. Preliminary report.

 Dean Farnsworth and Priscilla Foreman.

 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London, Conn. 15 April 1946
- Comparative study of screening devices for visual selection of naval personnel.
 C. G. Mueller and Philip Richmond
 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,
 M & S Research Project X-471 22 May 1946
- 5. Comparative study of the effect on men of continuous versus intermittent exposure to a tropical environment.

 Nello Pace
 Naval Med. Research Inst. Project #X-205(2), 9 May 1945
- 6. Comparison and evaluation of American Optical Co. pseudo-isochromatic plates, first and second editions. Color vision report No. 8,
 BuMed X-480.
 Dean Farnsworth and J. D. Reed
 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London, Conn. 19 Mar. 1945
- 7. Comparison and evaluation of American Optical Co. pseudo-isochromatic plates. First and second editions. First and final report on BuMed X-480.

 J. H. Sulzman
 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London, Conn. 16 July 1945.
- 8. Comparison of binocular and monocular viewing of tests for monocular acuity on the orthorater.

 Dean Farnsworth

 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 67-68.
- 9. Comparison of five methods of screening for acuity and muscle balance.

 J. H. Sulzman et al

 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 34-42.
- * The 1945-46 references listed supplement "A Bibliography of Visual Literature 1939-1944", compiled by Fulton, Hoff and Perkins. Contract OEMcmr-498.

- 10. Comparison of tests for heteropheria.
 R. G. Scobee
 War Dept., Air Forces, Randolph Field #375 (1) 13 April 1945.
- 12. Comparison of tests for heterophoria: Reliability of the screenmaddox rod test.
 R. G. Scobee and E. L. Green
 War Dept., Air Forces, Randolph Field #375 (2) 20 July 1945.
- 13. Comparison of tests for heterophoria: Variations in the screenmaddox rod test due to ocular dominance, rod color, and screening. Scobee, Green and Moss War Dept., Air Forces, Randolph Field #375 (4) - 20 July 1945.
- 15. Development and trials of New London Navy lantern as a selection test for serviceable color vision.

 Dean Farnsworth and Priscilla Foreman
 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London,
 Conn. 6 May 1946.
- 16. Effect of illuminating one eye on seeing with the other.

 Hecht, Hendley and Amdursky

 OSRD, Army-Navy-OSRD Vision Comm. 10-11 July 1945, pp. 20-23.
- 17. Effect of illuminating one eye on seeing with the other. OEMcmr-429. Hecht, Hendley and Amdursky
 Special CAM Report undated (rec'd NRC-CMR 10 Sept. 1946)
- 18. Entoptic plotting of the macular area.
 W. R. Miles
 OSRD, Army-Navy-OSRD Vision Comm. 11-12 Sept. 1945, pp. 15-28.
- 19. Evaluation of the "Contrast Discrimination Test" as an anoxia demonstration device.

 Alphonse Chapanis
 War Dept., Air Forces, TSEAA-695-65, 1 March 1946.
- 20. Evaluation of the modified Rostenberg adaptometer.
 R. H. Lee and M. B. Fisher
 Naval Med. Research Inst. Project X-466(1) 8 May 1945
- 21. Experiments on the relation between absolute visual threshold and perceptual efficiency in night vision.

 M. H. Pirenne
 Report, Comm. Armoured Vehicles, MPRC, MRC BPC 45/431, 24 June 1945.

Visual Tests

- 22. Factors affecting the change in focus of optical instruments at high and low illuminations. OEMcmr-545.

 George Wald and D. R. Griffin
 CAM Report #493 31 Dec. 1945
- 23. Flicker fusion frequency measurements on humans subjected to positive acceleration. Interim report, OEMcmr-288.

 G. Keighley and W. G. Clark

 CAM Report #426 29 March 1945
- 24. Four variables in testing visual acuity.

 Dean Farnsworth

 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 57-60.
- 25. Handbook for Medical Examiners. Suggested revision submitted by the Committee on Medical Problems of Civil Aviation, National Research Council.

 Dept. Commerce undated (rec'd NRC-CMR 17 July 1946)
- 26. Interviews with Hans Hartinger, Werner Knothe, Theo von Spreker, Professors at Gottingen University, Institute of Professor Rein, and with Ingeborg Schmidt.
 P. A. Campbell
 War Dept., U. S. Strat. Air Forces in Europe, Misc. 9 July 1945.
- 27. Investigation of motion acuity under scotopic conditions at various retinal positions. Final report, OEMcmr-264, Suppl. 5-11, incl. C. J. Warden
 CAM Report #477 20 Oct. 1945
- 28. Measurements of "visual" fields with the perimeter under conditions of physiologic stress.

 H. F. Blum and M. B. Fisher
 Naval Med. Research Inst. Project X-149(1), 26 Nov. 1945
- 29. Motion sickness and physiological problems peculiar to parachutists and other airborne troops. Final report, OEMcmr-282.

 D. B. Tyler
 Filed with: Reports, Comm. Motion Sickness 31 May 1946
- 30. New design of acuity test object.

 R. H. Peckham

 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 61-64.
- 31. Night vision: A review of investigations at the AAF School of Aviation Medicine.

 W. M. Rowland

 War Dept., Air Forces, Randolph Field #399(1) 4 3 July 1945.
- 32. Night vision testing.

 J. H. Sulzman and J. R. Pence

 Atlantic Fleet Medical News Letter #3-45 10 March 1945, pp. 7-9.

- 33. Note on the effect of illuminating one eye on vision by the other. Richard Tousey
 OSRD, Army-Navy-OSRD Vision Comm. = 10-11 July 1945, p. 24.
- 34. R.C.A.F. views on the hexagon test.
 Min. Comm. Vision, FPRC #618, 26 April 1945, pp. 3-4.
- 35. Relation between illumination and visual efficiency the effect of brightness contrast.

 H. C. Weston
 Filed with: Indust. Health Research Board, MRC 1945.
- 36. Relationship of interpupillary distance to performance on the ortho-rater.

 J. H. Sulzman
 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 62-66.
- 37. Reliability of the Verhoeff Test of depth perception.
 Richard Trumbull
 Navy Dept., U. S. Naval Air Station, Pensacola, Fla. Project
 X-717(1), 3 May 1946
- 38. Report of the Subcommittee on Procedures and Standards for Visual Examinations..

 OSRD, Army-Navy-OSRD Vision Comm. 11-12 Sept. 1945, pp. 39-49
- 39. Report of the Subcommittee on Procedures and Standards for Visual Examinations. 12th meeting, 12 June 1945.

 OSRD, Army-Navy-OSRD Vision Comm. 12 June 1945, pp. 13-14.
- 40. Report on visit to the Physiological Institute of Gottingen.
 Investigation of the Holzlohner and Jager night vision test
 (nachtsewahler).
 E. A. G. Goldie and J. C. Gilson
 FPRC Report #632 15 June 1945, Appendix B.
- 41. Report to the Secretary for Air on the committee's activities for the period June 1940 to December 1945.

 H. E. Whittingham

 FPRC Report #651 5 Mar. 1946
- 42. Research on visual standards in the Army Air Forces.
 R. G. Scobee
 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 24-26.
- 43. Role of vestibular nystagmus in the visual preception of a moving target in the dark.

 Ashton Graybiel et al

 Navy Dept., Naval Air Training Center, Pensacola, Fla.,

 Project X-148(Av-V4-3) (5) 14 Jan. 1946.
- 44. Scale and dial reading.

 M. D. Vernon

 FPRC Report #668 July 1946.

Visual Tests

- 45. Selection of color vision test plates. II. Selection of 18 plate test.

 L. S. Rowland and J. M. Fry
 War Dept., Air Forces, Randolph Field #362 (2) 2 July 1945.
- 46. Selection of color vision tests for the Army Air Forces: A review of studies made at the AAF School of Aviation Medicine.
 L. S. Rowland
 War Dept., Air Forces, Randolph Field #393(1) 1 June 1945.
- 47. Selection of fire controlmen (0), rangefinder and radar operators.

 D. C. Beier et al

 NDRC Report, OSRD #4861 26 March 1945.
- 48. Semi-annual report of activities of Medical Research Laboratory.

 1 Jan. 1946 to 1 July 1946.

 Navy Dept., Med. Research Lab., U. S. Submarine Base, New London,
 Conn. 1946.
- 49. Studies and investigations in connection with a test for peripheral visual acuity: the night visual acuity of 100 normal night seers. Interim report, OEMcmr-345.

 F. N. Low
 CAM Report #409 25 Jan. 1945.
- 50. Study of the involuntary blink rate during prolonged visual search.
 A. Carpenter
 FPRC Report #586(b) July 1945.
- 51. Study of visual acuity targets.

 C. G. Mueller and Philip Richmond

 Navy Dept., Med. Field Research Lab., Camp Lejeune, N. C.,

 M & S Research Project X-671 28 May 1946.
- 52. Study on one eye mastery. Meter for measuring master eye ratio.
 Use at gunsight.
 Min. Comm. Vision, FPRC #643, 10 August 1945, p. 1
- 53. Testing of night vision by the shadowgraph.

 J. C. MacGowan and L. C. Johnson

 FPRC Report #618(a) 26 April 1945
- 54. Testing visual acuity. Manuals of Instructions.
 OSRD, Army-Navy-OSRD Vision Comm. 10-11 July 1945, Appendix
- 55. Test-retest reliability of ocular muscle balance tests.

 Minnes, Crawford and Shagass

 Proc. Assoc. Comm. <u>Aviation</u> Med. Research, NRCC 4 April 1945,

 Appendix L
- Visual acuity measurements with three commercial screening devices. Research project X-493. Sulzman, Cook and Bartlett Navy Dept., Med. Research Lab., U. S. Submarine Base, New London, Conn. - 7 Feb. 1946.

Visual Tests

- 57. Visual factors in aircrew selection. Special study No. 6B. The relationship of the ocular findings in the aircrew medical examination to success in pilot and navigator training.

 C. Shagass and P. A. Christie

 Proc. Assoc. Comm. Aviation Med. Research, NRCC 4 April 1945, Appendix T.
- 58. Visual standards in aviation.
 OSRD, Army-Navy-OSRD Vision Comm. 10 April 1945, pp. 27-30.

LXV. WATER REQUIREMENTS

- Concerning the castaway's extra-renal loss. Progress report #2,
 OEMcmr-364.
 J. L. Gamble and A. M. Butler
 Filed with: Reports, Comm. Clin. Invest. 27 September 1943.
- 2. Equations for the estimation: of total body fat and total body water from the solubility of inert gases in the body.

 Nello Pace

 Naval Med. Research Inst. Project X-191(4), 25 Sept. 1945.
- Final report on determination of water and salt requirements for desert operations.
 Nelson, Eichna, and Bean Armored Force Med. Research Lab. - 20 May 1943.
- 4. Interim progress report. Influence of anaesthetics on the shift of water between the blood and the tissues, and on the composition of the blood.

 Wesley Bourne
 Proc. Comm. Surgery, NRCC 1 Oct. 1943, Vol. 1, Appendix E.
- 5. Investigation of physiological factors influencing water loss from the body and humidity of clothing.
 A. C. Goodings et al
 Canadian Aviation Report #114.
- Memorandum on the water and salt requirements of troops operating in very hot climates.
 R. A. McCance
 Report, Rations Comm., MPRC BPC 42/15/FR26.
- 7. Minimal water and salt requirements in fasting men.
 W. V. Consolazio and N. Pace
 Naval Med. Research Inst., Project No. X-100, #6 7 May 1943.
- 8. Minimal water requirements. L. H. Newburgh Report #12, Comm. Clin. Invest. - June, 1942.
- 9. Minutes of a Conference on Fitness. Held at the National Research Council, Washington, D. C., December 11, 1942.
 Clin. Invest. Report #13 11 December 1942.
- 10. Outline of the work of the Medical Research Council Committee on the Care of Shipwrecked Personnel on water requirements and supplies. Filed with: Reports, Comm. Shipwrecked Personnel, M.R.C.
- 11. Partial report on water and salt requirements for desert operations.

 Norton Nelson and W. B. Bean

 Armored Force Med. Research Lab. 12 November 1942.
- 12. Prediction of water requirements of men in the desert. Interim report No. 7, OEMcmr-206.

 E. F. Adolph and A. H. Brown
 Filed with: Reports, Comm. Clin. Invest. 25 May 1943.

- 13. Prediction of water requirements of men in the desert. Supplement to interim report #7, OEMcmr-206.

 Heald, Adolph, and Brown
 Filed with: Reports, Comm.Clin. Invest. 25 September 1943.
- 14. Recommendations for men expected to work in the desert, the tropics and on life rafts.

 War Dept., Misc. undated (rec'd NRC-CMR 17 Sept. 1945).
- 15. Report on water metabolism and thirst in desert troops.

 E. F. Adolph
 Filed with: Reports, Clin. Invest. 22 July 1942.
- 16. Requirements of water and of sodium chloride for the best performance of men working in hot climates.

 Johnson et al.

 Harvard Fatigue Lab. report #34 (OSRD report #13).
- 17. Requirements of water and of sodium chloride for the best performance of men working in hot climates.

 R. E. Johnson et al, Harvard Fatigue Lab.

 FPRC report #504.
- 18. Responses of man to a hot environment.
 F. R. Wulsin
 War Dept., OQMG 1 August 1943.
- 19. Responses of the human being to dry and humid heat.
 L. H. Newburgh
 CAM report #109 January 1943.
- 20. Salt and water requirements for hot climates.

 L. H. Newburgh and M. W. Johnston
 Report #9, Comm. Clin. Invest., 16 June 1942.
- 21. Salt and water requirements in hot weather.

 Harold Speert

 War Dept., Air Corps, Engin. Div. EXP-M-49-696-27, 27 Nov. 1942.
- 22. Salt in relation to water metabolism in the desert. Interim report no. 3.
 Adolph, Wolf, and Kelly
 Filed with: Reports, Comm. Clin. Invest. March 1943.
- 23. Studies on body composition. III. The body water and nitrogen content in relation to fat content.

 Nello Pace and E. N. Rathbun

 Naval Med. Research Inst. Project X-191, report #3, 7 Aug. 1944.
- 24. Summary of report on salt and water requirements to Food and Nutrition Board, National Research Council, 16 June 1944.

 A. B. Hastings and George Guest Report #52, Comm. Clin. Invest. undated (rec'd NRC-CMR, 14 Aug.1944).

Water Requirements

- 25. Survival time and drinking water available to castaways. Supplement to interim report #10, OEMcmr-206.

 Heald, Adolph, and Brown
 Filed with: Reports, Comm. Clin. Invest. 1 October 1943.
- 26. Survival time of men without water in the desert. Interim report No. 8, OEMcmr-206.
 Adolph, Brown, Siple, Heald
 Filed with: Reports, Comm. Clin. Invest. 25 May 1943.
- 27. Survival times and drinking water available to castaways. Interim report No. 10, OEMcmr-206.
 Siple, Heald, Adolph, and Brown
 Filed with: Reports, Comm. Clin. Invest. 1 June 1943.
- 28. Tropical climates and the soldier.
 D. H. K. Lee
 Australian Army Report #38 8 November 1944.
- 29. Water and salt.
 W. H. Forbes and R. E. Johnson
 Harvard Fatigue Lab. report #67 May 1943.
- 30. Water and salt requirements and heat exhaustion.
 Willard Machle
 Armored Force Med. Research Lab. 6 February 1943.
- 31. Water balance and other physiological responses of men on life rafts. Futcher, Consolazio and Pace
 Naval Med. Research Inst., Project X-127, Report #3 6 Sept. 1943.
- 32. Water losses from man in the desert. Interim report no. 1.

 E. F. Adolph et al.

 Filed with: Reports, Comm. Clin. Invest. 20 March 1943.
- 33. Water requirements of Air Force personnel in the desert during the hot season. Interim report #11, OEMcmr-206.

 A. Rothstein and A. H. Brown (E. F. Adolph)

 Filed with: Reports, Comm. Clin. Invest. 15 October 1943.
- 34. Water relations of men in the desert. Final report, OEMcmr-206.
 E. F. Adolph
 Filed with: Reports, Comm. Clin. Invest. 25 August 1944.
- 35. Water requirements of life raft survivors.

 J. M. Quashnock
 War Dept., Air Forces, ENG-49-696-39E, 21 August 1943.
- 36. Water shortage in the desert. Interim report #12, OEMcmr-206.

 E. F. Adolph
 Filed with: Reports, Comm. Clin. Invest. 20 October 1943.
- 37. Work in the heat as affected by intake of water, salt and glucose.

 OEMcmr-328 Pitts, Johnson, and Consolazio
 Report #44 (abstracted) Comm. Clin. Invest. 23 May 1944.
- 38. Work on the evaporation of water through surfaces at low pressures.
 G. A. Meek
 Misc. Canadian Aviation Report #61 March 1940.

LXVI. WOUND BALLISTICS

- l. Air-raid casualties. A survey based on an analysis of casualty data
 provided by air-raids in England 1940-3.
 Extramural Unit, Dept. Anatomy, Oxford Univ.
 Ministry Home Security, Research & Exper. Dept., Misc. 21 Feb. 1944
- 2. Analysis of some Naval battle casualties.
 Report #4, Conf. Missile Casualties 15 Dec. 1944
- 3. Anti-personnel explosive incendiary bomb incidents. (Birmingham, Wolverhampton, Walsall, Norwick & Bedford).
 Ministry Home Security, Research & Exper. Dept. REN 175, 29
 September 1942
- 4. Appraisal of rapid killing power of high velocity bullets.

 Lamport, Ward and Schorr

 Report #17, Conf. Missile Casualties 15 June 1946
- 5. Appraisal of the wounding power of missile fragments. OHMcmr-395. Harold Lamport (E. G. Butler and E. N. Harvey)
 Report #3, Conf. Missile Casualties 15 Dec. 1944
- 6. Appreciation of statistical data relating to air raid casualties, collected and analysed for the Research and Experiments Department of the Ministry of Home Security by Dr. A. Bradford Hill.

 Ministry of Home Security, Civil Defence Research Committee RC 268, 31 October 1941
- 7. Assessement of anti-personnel effects in 3 lb. and 6 lb. anti-tank projectile tests carried out at Whitchurch on 9/10 July, 1942 and 22/24 July, 1942.

 Min. Home Security, Research and Exps. Dept. 24 Aug., 1943
- 8. Ballistics of the penetration of human skin by small spheres. Interim report, OEMcmr-395.

 H. Grundfest et al (E. N. Harvey and E. G. Butler)

 Report #11, Conf. Missile Casualties 9 July 1945
- 9. Blast and splinters inside vehicles with 1 inch and 1.5 armour attacked by No. 68 grenades.
 S. Zuckerman
 Reports, Comm. Weapons, MPRC-BPC/145/WS10, 19 November 1941
- 10. Body armor. Analysis of splinter wounds. Letter from Dr. S. Zuckerman to Dr. J. F. Fulton, Nov. 20, 1940.

 Filed with: Min. of Home Security, General
- 11. Cased charges. XVIII. Fragmentation, VIII. Castings of different materials (mild steel, cast iron, lead and aluminium) and of different thicknesses. I. Velocities of fragments.

 Min Home Security, Civil Defence Research Comm. RC. 385- May, 1943
- 12. Cased charges. XIX. Fragmentation, IX. Casings of different materials (mild steel, cast iron, lead and aluminium) and of different thicknesses. II. Weight distribution of fragments.

 Min. Home Security, Civil Defence Research Comm. 386, May, 1943

Wound Ballistics

- 13. Casualties from fragmentation.

 Misc. File Britain undated (rec'd. NRC-CMR 18 Aug. 1944)
- 14. Casualty analysis.

 British War Office, Misc. Report #224 undated (rec'd NRC-CMR 15 Dec. 1944)
- 15. Casualty criteria and a comparison of grenade models.

 Marston Morse

 Report #8, Conf. Missile Casualties 15 June 1945
- 16. Casualty effects of high explosive bombs in low level daylight raids compared with high level night raids.
 P. M. Blake and J. W. B. Douglas
 Ministry Home Security, Research & Exper. Dept. REN 317, 21 Jan. 1944
- 17. Casualty rates of flying bombs at night.

 Ministry Home Security, Research and Exper. Dept., Misc. 4 July 1944
- 18. Casualty Survey II.

 Hamilton Southworth
 Office Civilian Defense, Vol. Med. Report #29 14 April 1943
- 19. Comments on the American figure of 58 ft. lb. as an overall incapacitating energy for penetrating fragments. Extract from letter to Dr. Southworth from B. deL. Burns
 Filed with: Ministry Home Security, Civil Defence Research Comm. 28 Jan. 1944
- 20. Comparison of the casualty rates of the 2-in. mortar and the 36-grenade.

 Preliminary note by

 S. Zuckerman et al

 Ministry Home Security, Research & Exper. Dept. REN 227, 14 May
 1943
- 21. Comparison of the numbers of casualties caused by German bombs of different sizes.

 Blake, Douglas, Yates and Zuckerman

 Ministry Home Security, Research & Exper. Dept. REN 182, 26 October 1942
- 22. Damage to peripheral nerves by high velocity missiles without a direct hit. Interim report, OHMcmr-395.

 Grundfest, Puckett and McElroy

 Report #13, Gonf. Missile Casualties 15 Aug. 1945
- Danger of blast and splinter injuries in armoured vehicles attacked by grenades. Experiments at Whitechurch 23 August, 1941.
 S. Zuckerman and J. D. Bernal
 Report, Comm. Weapons, MPRC-EPC 95/WS 5, 25 Aug., 1941

- 24. Design of dummy targets.

 Army Operational Research Group, AORG #132, 9 Sept. 1943
- 25. Design of dummy targets to represent men crouching in slit trenches.

 A. F. Parker-Rhodes

 Army Operational Research Group, AORG-#286, 12 April 1944
- 26. Distortion caused in limbs and gelatin by high speed missiles. Letter from R. E. Stradling.
 Min. Home Security Research and Exper. Dept. January 14, 1942
- 27. Distribution of crater debris in clay and chalk.

 Ministry Home Security, Research & Exper. Dept. RC 409, Feb. 1944
- 28. Energy, mass and velocity which is required of small missiles in order to produce a casualty. Interim report, OEMcmr-395.

 J. H. McMillen and J. R. Gregg (E. N. Harvey and E. B. Butler Report #12, Conf. Missile Casualties 6 Nov. 1945
- 29. Experimental study of the value of the American "Flak-suit" against fragments.

 Report #5, Conf. Missile Casualties 10 Jan. 1945
- 30. Experimental study of the value of the American "flak suit" against fragments. Draft copy.

 Ministry Home Security, Research & Exper. Dept. 11 Nov. 1944
- 31. Experimental study of the value of the American "Flak suit" against fragments. Final report.

 Ministry Home Security, Research & Exper. Dept. RC 434,

 Nov. 1944
- 32. Experimental study of the wounding mechanism of high velocity missiles.

 Black, Burns and Zuckerman

 Ministry Home Security, Research & Exper. Dept. RC 264, 25 May
 1941
- 33. Experimental study of wounds made by standard U. S. Ammunition.

 J. B. Hickam

 War Dept., Air Forces, ENG-49-697-1-I, 6 May 1944
- 34. Explanatory note on research concerning fragmentation of bombs and shell, with specimen tables.

 Marston Morse and William Transue
 Filed with: War Dept., Ordnance Dept., Tech. Div., Ballistics Section
 undated (rec'd NRC 3 Dec. 1943)
- 35. Field survey of air-raid casualties. November 5, 1941.

 S. Zuckerman

 Filed with: Off. Civilian Defense, Intell. & Research Unit, Vol. Med.

 Report #16, Enclosure I March 22, 1943.

Wound Ballistics

- 36. Fragmentation data book for surgeons.

 Royal Canadian Army Report #14 11 July 1944
- 37. Fragmentation data for surgeons.

 Royal Canadian Army Report #12 12 Aug. 1944
- 38. Fragmentation studies in Britain. Sources, organization, and distribution of work. Letter to J. F. Fulton from S. Zuckerman Filed with: Ministry Home Security, General 8 October 1943
- 39. Fragment damage from typical shells and bombs. Data and computation.

 Morse, Transue, and Kuebler

 War Dept., Ordnance Dept., Tech. Div., Ballistics Sect. 6 Jan. 1944
- 40. Fragment damage from typical shells and bombs. Data and computations.

 (Third report).

 Marston Morse and W. R. Transue

 War Dept., Ordnance Dept., Tech. Div., Ballistics Sect. TDBS #28,

 27 May 1944
- 41. Interview with Major J. R. Squire, R.A.M.C., 28 June 1944.

 T. R. Forbes

 British War Office Misc. Report #170
- 42. Lethal and material effects of gunfire and bombing on land targets a record of the present state of knowledge.

 Army Operational Research Group, Report #179 20 Mar. 1944
- 43. Lethal and material effects of gunfire and bombing on land targets.
 (2nd report)
 G. D. Kaye
 Army Operational Research Group, AORG #234, 28 May 1945
- 44. Lethal effect of artillery fire: trials at School of Artillery 17th-21st October, 1943. (0. B. Proc. 24, 917.)
 Supt., A.O.R.G.
 Army Operational Research Group AORG #180, 23 Mar. 1944
- 45. Lethality of 3" mortar H. E. bombs.

 Supt. Army Oper. Research Group

 Army Operational Research Group AORG 139, 3 September 1943
- 46. Measurement of the exposed areas of men in entrenched positions. Army Operational Research Group, Report #153 22 Mar. 1944
- 47. Mechanism of wounding by high velocity missiles.

 I. Quantitative data. Interim report, OEMcmr-395.

 E. N. Harvey et al

 Report #2, Conf. Missile Casualties 15 Dec. 1944
- 48. Mechanism of wounding by high velocity missiles. II. Microsecond X-ray studies. Interim report, OEMcmr-395.

 E. N. Harvey et al

 Report #6, Comm. Missile Casualties 15 March 1945

- 49. Meeting of Committee to Consider Means of Physical Protection of Members of the Fighting Forces, October 1, 1940.

 Filed with: Ministry Home Security, General undated
- 50. Military loss resulting from a casualty related to the days lost from active duty. Interim report, OHMcmr-549.

 Harold Lamport
 Report #15, Conf. Missile Casualties 25 Sept. 1945
- 51. Missile casualty surveys. Letter to J. F. Fulton from Hamilton Southworth
 Filed with: Reports, Conf. Wound Ballistics 11 Aug. 1944
- 52. New casualty criterion.

 R. W. Gurney

 Report #7, Conf. Missile Casualties 31 Oct. 1944
- 53. Note on air-raid casualties in the Royal Borough of Kensington during week 18.2.44 24.2.44.

 Ministry Home Security, Research & Exper. Dept. REN 344, 6 Mar. 1944
- 54. Note on body armor.

 Report, Comm. Body Armour, MPRC BPC 3, undated
- 55. Note on S.D. (1) casualties at Wembley on 21/22.1.44.

 Ministry Home Security, Research & Exper. Dept. REN 343, 9 Mar. 1944
- 56. Observations on B.P.C. 12 report on body armour.

 J. D. Bernal and S. Zuckerman

 Filed with: Reports, Comm. Body Armour, MPRC undated

 (rec'd NRC-CMR 27 Nov. 1943)
- 57. Palmer's survey of casualties. Letter to Hamilton Southworth from S. Zuckerman
 Filed with: Reports, Conf. Wound Ballistics, NRC 9 Aug. 1944
- 58. Penetration of steel spheres into bone. Interim report, OFMcmr-395. H. Grundfest (E. N. Harvey and E. G. Butler) Report #10, Conf. Missile Casualties - 20 July 1945
- 59. Problem: casualty analysis. Report by 10 Operational Research Section, c/o Research Directorate, GHQ, New Delhi, India.

 Indian Report #4 Undated (rec'd. NRC-CMR 3 July 1944)
- 60. Properties of bomb fragments.

 Martin Schwarzschild and R. G. Sachs

 War Dept., Ordnance Dept. Aberdeen Proving Ground, Report #347 7 April,
 1943
- 61. Relations between anti-personnel effect and size of projectiles.

 Grunegerg, Powell, and Spicer

 Ministry Home Security, Civil Defence Research Comm. RC 406, Dec.
 1943

Wound Ballistics

- 62. Relationship between flak wounds and the fragments causing them in air crew personnel.

 Allan Palmer
 Report #16, Conf. Missile Casualties 4 Mar. 1946
- 63. Resistance, at normal and oblique impact, of 1, 2 and 3 mm. manganese steel to 25 pr. shell fragments.

 B. D. Burns and P. L. Krohn

 Ministry Aircraft Production, Oxford Research Unit ORU/3, 9 Oct. 1945
- 64. Resistance of Doron and other materials to 25 pr. shell fragments.

 B. D. Burns and P. L. Krohn

 Ministry Aircraft Production, Oxford Research Unit ORU/4, 16 Oct. 1945
- 65. Review of the criteria of wounding power in common use.

 B. D. Burns and P. L. Krohn

 Ministry Aircraft Production, Oxford Research Unit ORU/2, 11 Oct.1945
- 66. Short summary of reports by the Extramural Unit, Department of Human Anatomy, Oxford, on casualty rates due to flying bombs.

 Ministry Home Security, Research & Exper. Dept. REN 429, 31 Aug. 1944
- 67. Sizes of shell, mortar and bomb fragments causing wounds (Dieppe series).

 S. Zuckerman

 Ministry Supply, Adv. Council Sci. Research & Tech. Devel.

 Fragmentation Panel AC 3142, SD/EP 60/IB. 163, 7 December 1942
- 68. Special Incident No. 1. U.S. M41 20 lb. fragmentation bomb accident.
 Allan Palmer
 War Dept., ETO 30 Sept. 1944
- 69. Specimen casualty survey carried out in the Cassino area.

 Allan Palmer
 War Dept., ETO undated (rec'd NRC-CMR 15 Aug. 1944)
- 70. Studies on the displacement of nerves and blood vessels by the temporary cavity formed in animal tissues by the passage of high velocity missiles. Interim report, OEMcmr-395.

 W. O. Puckett and W. D. McElroy

 Report #14, Conf. Missile Casualties 15 Aug. 1945
- 71. Studies on wounds of the abdomen and thorax produced by high velocity missiles. Interim report, OEMcmr-395.

 Puckett, McElroy and Harvey
 Report #9, Conf. Missile Casualties 20 Aug. 1945
- 72. Survey of battle casualties sustained by the Eight Afr Force during June, July and August, 1944 (Figures).

 Allan Palmer

 War Dept., ETO undated (rec'd NRC-CLR 11 May 1945)
- 73. Survey of battle casualties sustained by the Eight Air Force during June, July and August 1944. (Text).

 Allan Palmer

 War Dept., ETO undated (rec'd NRC-CMR 11 May 1945)

- 74. Survival (missile casualties). Status report, OFMcmr-549.
 Harold Lamport and G. J. Gonnor
 Filed with: Reports, Comm. Surgery 31 Oct. 1945
- 75. U. S. research program on wound ballistics. Casualty surveys in the field. Letter to J. F. Fulton from S. Zuckerman
 File with: Reports, Comm. Weapons, MPRC 26 September 1943
- 76. Wound ballistics. Monthly progress report #3, OEMcmr-395.

 E. N. Harvey and E. G. Butler

 Filed with: Reports, Conf. Wound Ballistics 1 May 1944
- 77. Wound ballistics, I. The distribution of casualties according to the multiplicity of serious wounds. II. The frequency of casualties caused by small fragments only.

 Marston Morse and W. R. Transue

 War Dept., Ordnance Dept., Technical Div., Ballistics Section

 T.D.B.S. report #35, undated (rec'd. NRC-CMR 20 June 1944)
- 78. Wounding effect of 90 mm, HE shell fragments.

 J. B. Hickam

 War Dept., Air Forces, Eng-49-697-7, 29 Aug. 1944
- 79. Wounding mechanism of high-energy projectiles.

 J. B. Hickam

 War Dept., Air Forces, TSELA-5B-697-7A, 28 Oct. 1944
- 80. Wounding power of flaking from armour plate.

 Orfordness Research Station

 File with: Reports, Comm. Body Armour, MPRC Feb. 1944
- 81. Wounds caused by Bakelite fragments.

 Ministry Home Security, Research & Exper. Dept. B 4, 9 June 1943

ADDENDIX

REPORTS PREPARED BY GERMAN SCIENTISTS AT WRIGHT FIELD

REPORTS PREPARED BY GERMAN SCIENTISTS AT WRIGHT FIELD

- 1. Aerodynamic Forces and Streamline Phenomena for Self Propelled Missiles.

 Kaiser William Institute for Fluid Flow Research Gottingen.

 War Dept., Air Forces, Wright Field, TS 600 13 May 1946.
- 2. The Aerodynamic Development of Anti-Aircraft Rocket "Wasserfall" ("Cataract").

 (Die Aerodynamische Entwicklung Der Flakrakete "Wasserfall").

 By Dr. Kurzweg.

 War Dept., Air Forces, Wright Field, TS 615 30 July 1946.
- 3. Aeronautical Meteorology of High Altitudes.
 Flugmeteorologie Grosser Höhen.
 By Walter Georgii.
 War Dept., Air Forces, Wright Field, TS 545 21 May 1946.
- Comments on the DGAI* Report No. 134. "The Development of an Analytical Method for Investigating Parachute Stability".
 H. M. McCoy.
 War Dept., Air Forces, Wright Field, IRE 37 11 Feb. 1946.
 (*Daniel Guggenheim Airship Institute).
- 5. Contribution to the Development of Towed Flight.
 Franz Gross.
 War Dept., Air Forces, Wright Field, TS 357 June 22, 1931.
- 6. Density Measurements in the Supersonic Wind Tunnel by Means of X-Rays and other Property Measurements Using Indirect Means.

 War Dept., Air Forces, Wright Field, IRE 53 2 April 1946.
- 7. Effects of some Technical Innovations on the Conduct of War.
 Adolf Baeumker.
 War Dept., Air Forces, Misc. 1941.
- 8. Evaluation of Density Fields at High Subsonic Velocities by Means of Optical Interference Measurements.

 Groth.

 War Dept., Air Forces, Wright Field, TS 608 13 May 1946.
- 9. Facts Established Through Meteorological Research of the Stratosphere.

 Die Meteorologischen Beobachtungstatsachen Der Stratosphare.

 Ludwig Weickmann.

 War Dept., Air Forces, Wright Field, TS 465 21 Aug. 1946.
- 10. Heat Transmission of Bodies in Rapidly Flowing Gases.
 Dr. E. R. G. Eckert.
 War Dept., Air Force, Wright Field, IRE 46 28 February 1946.

- 11. High-Speed Wind Tunnels.
 Luigi Crocco.
 War Dept., Air Forces, Wright Field, TS 366 July 30, 1943.
- 12. Increasing the Critical Altitude of the 222 E/F.

 Vergrosserung Der Volldruckhöhe Bei 222 E/F.

 Deinhardt.

 War Dept., Air Forces, Wright Field, TS 585 17 May 1946.
- 13. The Individual Pneumatic Life Raft.

 Einmann-Schlauchboot.

 War Dept., Air Forces, Wright Field, TS 568 12 April 1946.
- 14. The Individual Pneumatic Life Raft Fl 410201 Maintenance and Operation. Einmann-Schlauchboot Fl 410201 Wartungs-Und Bedienungs-Karte. War Dept., Air Forces, Wright Field, TS 569 14 April 1946.
- 15. The Infrared Principle for Automatic Target Locating Devices.

 Ultrarotverfahren Für Selbstzielsuchende Geräte.

 Edgar Kutzscher.

 War Dept., Air Forces, Wright Field, TS 539 4 March 1946.
- 16. The Magnitudes of Boundary Layer Temperatures, Heat Transfer Coefficients and Skin Temperatures of Vertically and Obliquely Launched A4 Missiles and of the A4b Glider.

 Dr. Kraus and B. Herrmann.

 War Dept., Air Forces, Wright Field, TS 603 1 May 1946.
- 17. Measurement of Temperature of Airflow with Sonic Waves.

 M. E. Goll.

 War Dept., Air Forces, Wright Field, IRE 61 24 April 1946.
- 18. Muffling Without Power Loss in the Four-Stroke-Cycle Engine.

 Dr. Herbert Martin

 War Dept., Air Forces, Wright Field, TS 328. August 3, 1938.
- 19. Notes on the Opening Shock of a Parachute.

 M. E. Goll.

 War Dept., Air Forces, Wright Field, IRE 65 29 April 1946.
- 20. Physiological Basis for the Construction and Use of Stratosphere Airplanes.

 Physiologische Grundlagen Für Bau Und Einsatz Von Stratosphärenflugzeugen.

 Theodor Benzinger.

 War Dept., Air Forces, Wright Field, TS 467 October 1946
- 21. Preliminary Investigation of the Use of Light Materials in Monocoque Constructions.

 Vorversuche Zur Erprobung Von Schalenbauteilen Unter Verwendung Von Leichtstoffen.

 Nusslein.

 War Dept., Air Forces, Wright Field, TS 654 30 Aug. 1946.

- 22. Present Status of Manufacturing Methods for Wa-Ko (Great Circle)
 Ribbon Parachute Canopies.
 H. M. McCoy.
 War Dept., Air Forces, Wright Field, IRE 26 22 January 1946.
- 23. Pressure Distribution Measurements at High Speed and Oblique Incidence of Flow.

 Druckverteilmessungen Bei Hochgeschwindigkeit Und Schrägenblasung.

 A. Lippisch and W. Beushausen.

 War Dept., Air Forces, Wright Field, TS 634 27 Aug. 1946.
- 24. Problems of High-Altitude Flying.

 Probleme Des Höhenflugs.

 Asmus Hansen.

 War Dept., Air Forces, Wright Field, TS 459 October 1946.
- 25. Proposals for the Design and Manufacture of a High Speed Ribbon Parachute.

 H. M. McCoy.

 War Dept., Air Forces, Wright Field, IRE 27 22 January 1946.
- 26. Psychology of Flying.
 Psychologie Des Fliegens.
 Hans Luxenburger.
 War Dept., Air Forces, Wright Field, TS 596 10 June 1946.
- 27. Radio-Technical and Atmospheric-Electric Problems of Stratosphere Research.

 Funktechnische Und Atmosphärisch-Elektrische Probleme Der Stratosphärenforschung.

 Max Dieckmann.

 War Dept., Air Forces, Wright Field, TS 512 7 February 1946.
- 28. Report on the Construction of High Altitude Aircraft.
 Bericht Uber Den Bau Von Höhenflugzeugen.
 Herbert Wagner.
 War Dept., Air Forces, Wright Field, TS 590
 25 July 1946
- 29. Resonance of Blade and Disc Vibrations in the Model 109-011 Jet
 Engine.
 Resonanz Von Schaufel Und Scheibenschwingungen Am Strahltriebwerk
 109 011.
 Loffler.
 War Dept., Air Forces, Wright Field, TS 535 27 February 1946.
- 30. The Sensitiveness of the Human Body to Vibrations.

 Empfindlichkeit Des Menschen Gegen Erschutterung.

 H. Reiher and F. J. Meister.

 War Dept., Air Forces, Wright Field, TS 616 16 Aug. 1946
- 31. Stratosphere Research.
 Stratospharenforschung.
 War Dept., Air Forces, Wright Field, TS 427 25 June 1946.

- 32. Stratospheric Research.
 Stratospherenforschung.
 Walter Georgii.
 War Dept., Air Forces, Wright Field, TS 425 30 June 1946
- 33. The Structure and Composition of the Stratosphere.

 Aufbau Und Zusammensetzung Der Stratosphäre.

 Enrich Regener.

 War Dept., Air Force, Wright Field, TS 509 28 January 1946.
- 34. Suggestions for a Research and Working Program in the USA for the Development of Liquid Rocket Propellants and Appropriate Rocket Combustion Chambers based upon Experiences Gained in Germany.

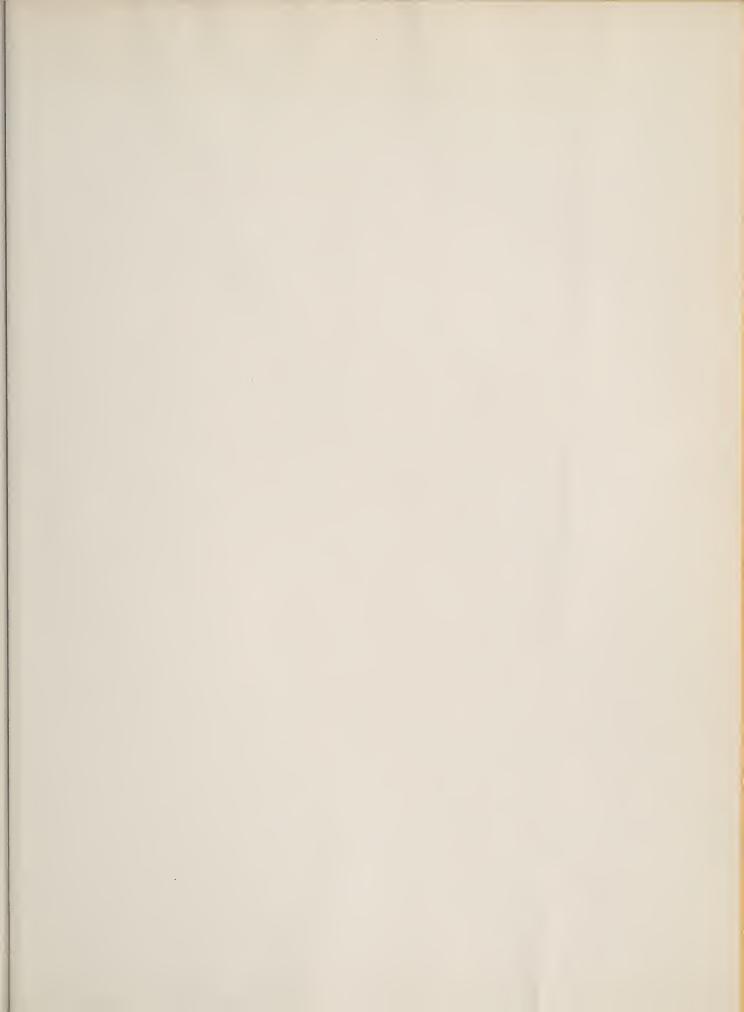
 H. M. McCoy.

 War Dept., Air Force, Wright Field, IRE 43 27 February 1946.
- 35. Test Stand Experiments On Vibrations with the All-Wing Airplane Model DFS 39.

 Standschwingungsversuche Mit Dem Nurflugelflugzeugmuster DFS 39.

 War Dept., Air Force, Wright Field, TS 515. 12 February 1946.
- 36. Wind-tunnel Tests to Find the Influence of Speed and Center of Gravity on the Controllability of C2/E2 of the Project "Wasserfall". Dr. Wegner.

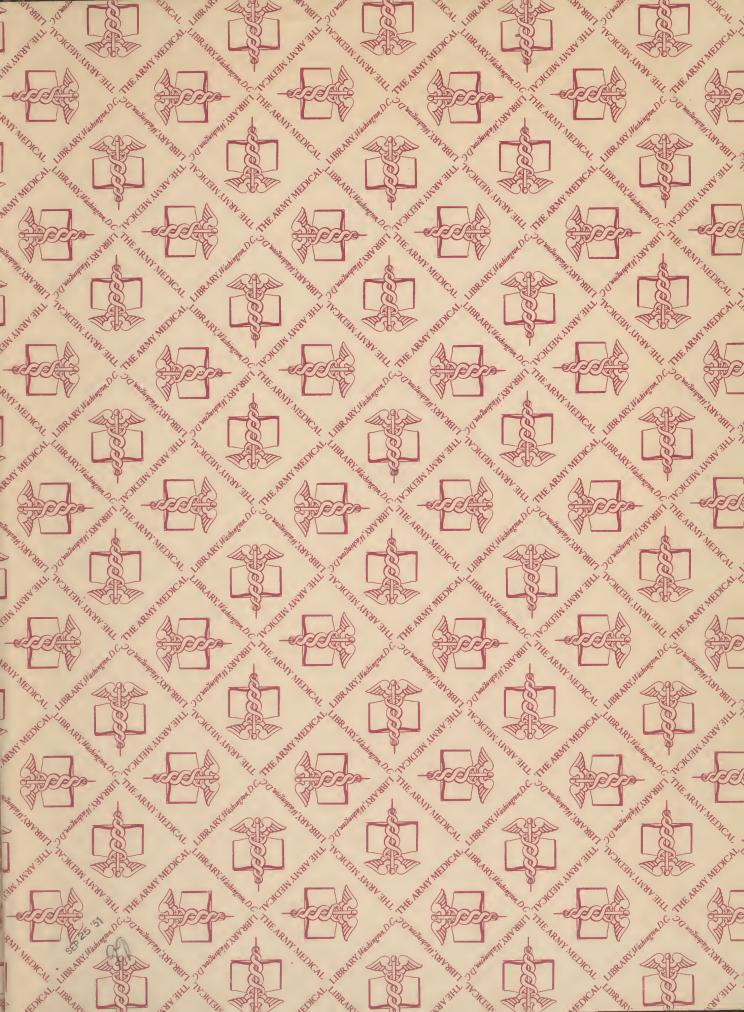
 War Dept., Air Force, Wright Field, TS 638 15 July 1946.











NATIONAL LIBRARY OF MEDICINE
NLM 02578293 6